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HIGHLIGHTS

The average annual population growth in Vermont during the 1970-80 period was approximately 1.5% which dropped to an average of just over 1% during the 1980's. As a result population growth in Vermont is above New England but slightly below the nation. During the 1980's , Chittenden county, White River Junction labor market area, and Milton city showed the strongest population growth in their respective categories.

Per Capita income for Vermont increased by 7.4% in 1988 to $15,382 bringing Vermont to 93.5% of the national average PCI. Earnings for manufacturing workers, however, increased by a more modest 3.6% from 1987 which was slightly below the increase in inflation.

Nonagricultural wage and salary employment averaged 253,200 in 1988 which was an increase of 7750 jobs over the 1987 annual average. Manufacturing employment rose by 200 while nonmanufacturing grew by 7550. Despite the advances the annual job growth of 3.2% was the lowest in five years. It is projected that between now and 1991 that the nonmanufacturing industries will provide the bulk of new jobs in the state.

Vermont's average annual labor force increased from 240,000 in 1978 to 298,000 in 1988 for a gain of 58,000 or 24%. Higher labor force participation rates for teenage youth (16-19) and women contributed to the labor force growth. The female share of Vermont's labor force increased from 43% in 1980 to 45% in 1988.

The Vermont unemployment rate fell to 2.8% in 1988, compared to 3.6% in 1987, and was the 2nd lowest of any state in the country. The number of unemployed was equally split between male and female in 1988.

During Fiscal Year 1989, 56,438 persons were registered with the Vermont Department of Employment and Training, , which was a decrease of 251 or 0.4% from the previous Fiscal Year.

Job openings received by the Vermont Department and Training during FY89 were 22,220 representing a 16.4% decrease for FY88 totals. The number of applicants per job openings rose from 2.1 in FY88 to 2.5 in FY89. Farming had the fewest applicants per job opening received while professional occupations had the most applicants per opening.

Vermont's population growth exceeded the national and New England growth rates for the time periods, 1960 to 1970 and 1970 to 1980. The latest available population estimates still show Vermont's population growing faster than the rest of New England but slightly slower than the nation as a whole.

The town of Milton in Chittenden County showed the largest percentage gains in population between 1980 and 1987, 2.9 percent annually. Three major cities recorded decreases in population from 1980 to 1987: Burlington, Rutland City, and Montpelier (See Table 1).

The population of Vermont's Labor Market Areas is shown in Table 5. The greatest percentage increase ,1.5 percent, in population between 1980 and 1987 occurred in the White River Jct. and St. Albans areas. During the 1980 to 1987 period all labor markets showed increases in population.

Between 1980 and 1987, Grand Isle County had the largest percentage growth in all age groups, Total(16.0 percent), Under 18(10.0 percent), 18-64(18.9 percent) and 65 + (17.3 percent). Overall the 65 + age group is the fastest growing group in Vermont at 11.7 percent. The under 18 year old group fell by 2.4 percent between 1980 and 1987(See Table 2).

Rutland and Windham Counties share the largest female concentration, 52.2 percent, as shown in Table 3. Only Orange County has more male than female residents in Vermont.

All counties and labor markets experienced population growth from 1970 to 1980 and 1980 to 1987. In recent years Grand Isle County had the highest annual growth rate, 2.1 percent. Among labor market areas, St. Albans and White River Jct. were the fastest growing at 1.5 percent annually.

TABLE 1
POPULATION OF MAJOR VERMONT CITIES & TOWNS
1970, 1980, Estimated 1987

Cities & Towns, County	1970 1/	1980 1/	ESTIMATED 1987 2/	Compound Annual 3/ Growth Rate 1970-1980	1980-1987
Burlington, Chittenden	38,633	37,712	37,661	-0.2%	.0%
Rutland City, Rutland	19,293	18,436	18,086	-0.5%	-0.3%
Bennington, Bennington	14,586	15,815	16,469	0.8%	0.6%
Essex, Chittenden	10,951	14,392	16,039	2.8%	1.6%
Colchester, Chittenden	8,776	12,629	14,763	3.7%	2.3%
Brattleboro, Windham	12,239	11,886	12,639	-0.3%	0.9%
S. Burlington, Chittenden	10,032	10,679	12,389	0.6%	2.1%
Springfield, Windsor	10,063	10,190	10,235	0.1%	0.1%
Barre City, Washington	10,209	9,824	9,916	-0.4%	0.1%
Hartford, Windsor (Inc. White River Jct.)	6,477	7,963	9,109	2.1%	1.9%
Milton, Chittenden	4,495	6,829	8,342	4.3%	2.9%
Montpelier, Washington	8,609	8,241	8,119	-0.4%	-0.2%
Middlebury, Addison	6,532	7,574	8,086	1.5%	0.9%
St. Johnsbury, Caledonia	8,409	7,938	7,972	-0.6%	0.1%
Barre Town, Washington	6,509	7,090	7,526	0.9%	0.9%
St. Albans City, Franklin	8,082	7,308	7,380	-1.0%	0.1%

Source: 1/ U.S. Department of Commerce, Bureau of the Census
2/ Vermont Department of Health, October 1988
3/ See Glossary for definition.

TABLE 2
AGE-SEX DISTRIBUTION OF VERMONT COUNTIES
1980 CENSUS AND 1987 ESTIMATES

		TOTAL		UNDER 18		18-64		65+	
		CENSUS 1980	EST 1987	CENSUS 1980	EST 1987	CENSUS 1980	EST 1987	CENSUS 1980	EST 1987
ADDISON	TOTAL	29406	31993	8616	8589	17938	20101	2852	3303
	MALE	14659	15978	4465	4466	8986	10103	1208	1409
	FEMALE	14747	16015	4151	4123	8952	9998	1644	1894
BENNINGTON	TOTAL	33345	35633	9330	8970	19324	21414	4691	5249
	MALE	16066	17188	4829	4610	9313	10388	1924	2190
	FEMALE	17279	18445	4501	4360	10011	11026	2767	3059
CALEDONIA	TOTAL	25808	27103	7585	7632	14971	15880	3252	3591
	MALE	12660	13270	3909	3920	7405	7874	1346	1476
	FEMALE	13148	13833	3676	3712	7566	8006	1906	2115
CHITTENDEN	TOTAL	115534	126723	31792	30246	74954	86300	8788	10177
	MALE	56115	61581	16387	15511	36448	42269	3280	3801
	FEMALE	59419	65142	15405	14735	38506	44031	5508	6376
ESSEX	TOTAL	6313	6741	1939	1897	3592	3943	782	901
	MALE	3152	3327	993	955	1801	1974	358	398
	FEMALE	3161	3414	946	942	1791	1969	424	503
FRANKLIN	TOTAL	34788	37641	11258	11416	19613	21888	3917	4337
	MALE	16990	18295	5732	5806	9711	10776	1547	1713
	FEMALE	17798	19346	5526	5610	9902	11112	2370	2624
GRAND ISLE	TOTAL	4613	5353	1380	1518	2700	3210	533	625
	MALE	2273	2615	681	750	1346	1582	246	283
	FEMALE	2340	2738	699	768	1354	1628	287	342
LAMOILLE	TOTAL	16767	18369	4830	4830	10164	11483	1773	2056
	MALE	8303	8988	2493	2437	5075	5740	735	811
	FEMALE	8464	9381	2337	2393	5089	5743	1038	1245
ORANGE	TOTAL	22739	24624	6845	6965	13167	14686	2727	2973
	MALE	11493	12370	3617	3670	6693	7426	1183	1274
	FEMALE	11246	12254	3228	3295	6474	7260	1544	1699

TABLE 2 (CONTINUED)
AGE-SEX DISTRIBUTION OF VERMONT COUNTIES
1980 CENSUS AND 1987 ESTIMATES

		TOTAL		UNDER 18		18-64		65+	
		CENSUS 1980	EST 1987	CENSUS 1980	EST 1987	CENSUS 1980	EST 1987	CENSUS 1980	EST 1987
ORLEANS	TOTAL	23440	24132	7328	7089	13225	13795	2887	3248
	MALE	11451	11790	3722	3633	6575	6829	1154	1328
	FEMALE	11989	12342	3606	3456	6650	6966	1733	1920
RUTLAND	TOTAL	58347	60792	15825	14969	34801	37439	7721	8384
	MALE	27846	29083	8021	7612	16803	18197	3022	3274
	FEMALE	30501	31709	7804	7357	17998	19242	4699	5110
WASHINGTON	TOTAL	52393	54402	14642	14009	31222	33509	6529	6884
	MALE	25323	26188	7518	7234	15378	16436	2427	2518
	FEMALE	27070	28214	7124	6775	15844	17073	4102	4366
WINDHAM	TOTAL	36933	40254	10055	10368	21989	24557	4889	5329
	MALE	17708	19243	5193	5382	10634	11832	1881	2029
	FEMALE	19225	21011	4862	4986	11355	12725	3008	3300
WINDSOR	TOTAL	51030	54240	13893	13412	30312	32920	6825	7908
	MALE	25041	26587	7140	6929	15056	16407	2845	3251
	FEMALE	25989	27653	6753	6483	15256	16513	3980	4657
VERMONT	TOTAL	511456	548000	145318	141910	307972	341125	58166	64965
	MALE	249080	266503	74700	72915	151224	167833	23156	25755
	FEMALE	262376	281497	70618	68995	156748	173292	35010	39210

SOURCE: VERMONT DEPARTMENT OF HEALTH, OCTOBER, 1988

TABLE 3

PRELIMINARY ESTIMATES OF THE POPULATION OF VERMONT COUNTIES, 1987

BY AGE AND SEX

TOTAL 1/

	ADDIS.	BENN.	CALED.	CHITT.	ESSEX	FRANK.	G.ISLE	LAMOI.	ORANGE	ORLEA.	RUTL.	WASH.	WINDH.	WINDS.	STATE
TOTAL	31993	35633	27103	126723	6741	37641	5353	18369	24624	24132	60792	54402	40254	54240	548000
UND20	10253	10015	8550	36852	2061	12466	1649	5488	7727	7749	16998	15798	11317	14564	161487
20-24	3256	2853	1928	15019	438	2676	351	1567	1772	1617	4701	4515	2843	3668	47204
25-34	5251	5783	4393	25568	1124	6373	945	3393	4359	3886	10611	9376	7221	9482	97765
35-44	4699	4868	3835	18639	926	5192	793	2848	3551	3332	8776	7983	6207	8085	79734
45-54	2879	3540	2453	11619	648	3476	517	1686	2254	2201	5829	5250	3811	5469	51632
55-64	2352	3325	2353	8849	643	3121	473	1331	1988	2099	5493	4596	3526	5064	45213
65+	3303	5249	3591	10177	901	4337	625	2056	2973	3248	8384	6884	5329	7908	64965

TABLE 3 (CONTINUED)

PRELIMINARY ESTIMATES OF THE POPULATION OF VERMONT COUNTIES, 1987

BY AGE AND SEX

MALE

	ADDIS.	BENN.	CALED.	CHITT.	ESSEX	FRANK.	G.ISLE	LAMOI.	ORANGE	ORLEA.	RUTL.	WASH.	WINDH.	WINDS.	STATE
TOTAL	15978	17188	13270	61581	3327	18295	2615	8988	12370	11790	29083	26188	19243	26587	266503
UND20	5309	5082	4380	18379	1054	6363	805	2764	4148	3985	8501	8203	5847	7513	82333
20-24	1646	1348	992	7287	213	1259	156	801	975	790	2190	2348	1339	1833	23177
25-34	2667	2886	2191	12806	545	3122	489	1696	2141	1874	5223	4513	3466	4756	48375
35-44	2361	2382	1919	9245	481	2605	395	1435	1751	1678	4384	3886	3011	4029	39562
45-54	1445	1704	1224	5855	327	1752	260	842	1113	1121	2892	2591	1879	2748	25753
55-64	1141	1596	1088	4208	309	1481	227	639	968	1014	2619	2129	1672	2457	21548
65+	1409	2190	1476	3801	398	1713	283	811	1274	1328	3274	2518	2029	3251	25755

TABLE 3 (CONTINUED)

PRELIMINARY ESTIMATES OF THE POPULATION OF VERMONT COUNTIES, 1987

BY AGE AND SEX

FEMALE

	ADDIS.	BENN.	CALED.	CHITT.	ESSEX	FRANK.	G.ISLE	LAMOI.	ORANGE	ORLEA.	RUTL.	WASH.	WINDH.	WINDS.	STATE
TOTAL	16015	18445	13833	65142	3414	19346	2738	9381	12254	12342	31709	28214	21011	27653	281497
UND20	4944	4933	4170	18473	1007	6103	844	2724	3579	3764	8497	7595	5470	7051	79154
20-24	1610	1505	936	7732	225	1417	195	766	797	827	2511	2167	1504	1835	24027
25-34	2584	2897	2202	12762	579	3251	456	1697	2218	2012	5388	4863	3755	4726	49390
35-44	2338	2486	1916	9394	445	2587	398	1413	1800	1654	4392	4097	3196	4056	40172
45-54	1434	1836	1229	5764	321	1724	257	844	1141	1080	2937	2659	1932	2721	25879
55-64	1211	1729	1265	4641	334	1640	246	692	1020	1085	2874	2467	1854	2607	23665
65+	1894	3059	2115	6376	503	2624	342	1245	1699	1920	5110	4366	3300	4657	39210

1/ Columns may not add to Total due to rounding.

SOURCE: VERMONT DEPARTMENT OF HEALTH, OCTOBER, 1988

TABLE 4
POPULATION OF VERMONT COUNTIES
1970, 1980, Estimated 1987

AREA	1970 1/	1980 1/	ESTIMATED 1987 2/	Compound Annual 3/ Growth Rate 1970-1980	1980-1987
VERMONT	444,732	511,456	548,000	1.4%	1.0%
Addison County	24,266	29,406	31,993	1.9%	1.2%
Bennington County	29,282	33,345	35,633	1.3%	1.0%
Caledonia County	22,789	25,808	27,103	1.3%	0.7%
Chittenden County	99,131	115,534	126,723	1.5%	1.3%
Essex County	5,416	6,313	6,741	1.5%	0.9%
Franklin County	31,282	34,788	37,641	1.1%	1.1%
Grand Isle County	3,574	4,613	5,353	2.6%	2.1%
Lamoille County	13,309	16,767	18,369	2.3%	1.3%
Orange County	17,676	22,739	24,624	2.6%	1.1%
Orleans County	20,153	23,440	24,132	1.5%	0.4%
Rutland County	52,637	58,347	60,792	1.0%	0.6%
Washington County	47,659	52,393	54,402	1.0%	0.5%
Windham County	33,476	36,933	40,254	1.0%	1.2%
Windsor County	44,082	51,030	54,240	1.5%	0.9%

Source: 1/ U.S. Department of Commerce, Bureau of the Census

2/ Vermont Department of Health, October 1988

3/ See Glossary for definition.

TABLE 5
POPULATION OF VERMONT LABOR MARKET AREAS
1970, 1980, Estimated 1987

AREA	1970 1/	1980 1/	ESTIMATED 1987 2/	Compound Annual 3/ Growth Rate 1970-1980	1980-1987
VERMONT	444,732	511,456	548,000	1.4%	1.0%
Barre-Montpelier	64,157	73,040	78,597	1.3%	1.1%
Bennington	29,282	33,345	35,633	1.3%	1.0%
Brattleboro	24,265	26,315	28,816	0.8%	1.3%
Burlington	100,808	117,960	126,483	1.6%	1.0%
Middlebury	23,728	28,784	31,421	2.0%	1.3%
Morrisville	13,309	16,767	18,369	2.3%	1.3%
Newport	23,058	26,782	27,677	1.5%	0.5%
Rutland	52,637	58,347	60,792	1.0%	0.6%
St. Albans	33,178	36,975	41,054	1.1%	1.5%
St. Johnsbury	23,805	27,112	28,510	1.3%	0.7%
Springfield	33,621	36,554	37,868	0.8%	0.5%
White River Jct.	22,884	29,475	32,780	2.6%	1.5%

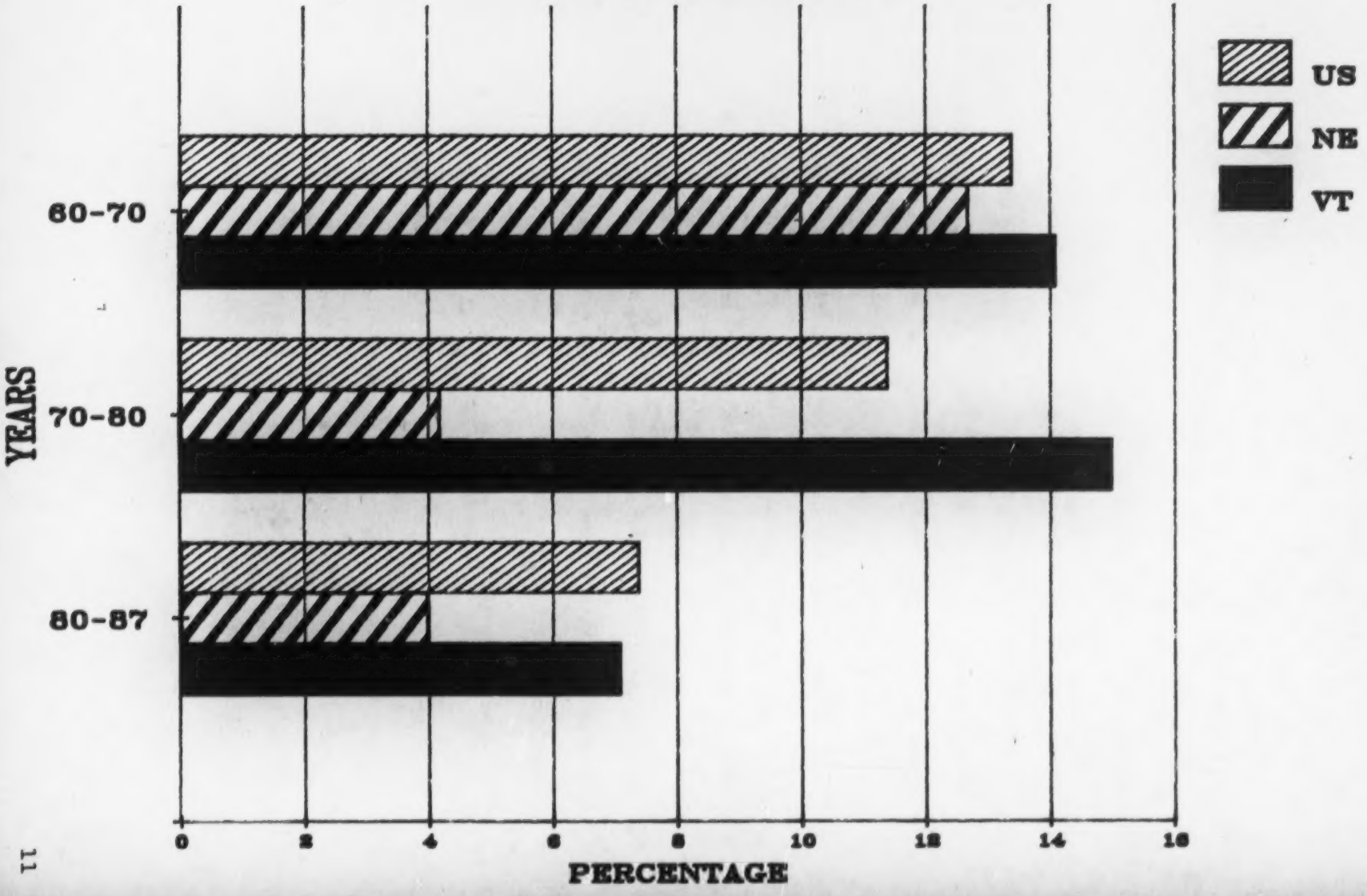
Source: 1/ U.S. Department of Commerce, Bureau of the Census

2/ Vermont Department of Health, October 1988

3/ See Glossary for definition.

CHART 1

POPULATION GROWTH
UNITED STATES, NEW ENGLAND, VERMONT
1960-70, 70-80, 80-87



The per capita personal income for Vermont in 1988 was $15,382. As shown in Table 6, this figure was 93.5% of the national average. The progress of the state's economic situation can be seen by the movement towards the national PCI since the 1977 percentage of 84.3.

A somewhat different picture is shown by Table 7 which shows that annual average wages covered by unemployment insurance in 1987 was only 84.5% of the national average. This compares with the 92.5% of the national average for PCI in 1987. This discrepancy is influenced by Vermont's higher relative share of proprietor's income and income from dividends, interest, and rent as shown in the chart comparing the composition of personal income in the state, region, and nation. Therefore the difference between Vermont's relative standing in these two series would seem to indicate that the state's business owners and investors are contributing relatively more to the state's improving income picture than are wage earners. Another indicator of the improving income situation in Vermont is the decreasing share of total income contributed by transfer payments. Transfer payments consist of pensions, unemployment insurance payments, welfare payments, and other payments to persons for which they do not render current service. An important part of Vermont's steady movement towards the national average in Per Capita Income is the rising labor force participation rates of females. As the two income family becomes increasingly common the number of individuals with earned income has a positive impact on an area's PCI.

Table 8 shows the changes in per capita income for the state's counties during the 1980-87 period. Chittenden, Windham, Lamoille, and Orange counties show the highest rates of growth. The economic strength of the Burlington and Brattleboro areas account for the excellent income growth of their respective counties. The strong showing of Orange is rather surprising and arises from the county's strong population growth and possibly it's high rate of residents commuting to nearby New Hampshire communities to work. Lamoille has been a benficiary of the growth in resort and second home activity. The slowest growth in income are

Caledonia, Essex, Franklin, and Orleans, which are in the state's traditionally slower growing northern region, and Windsor which suffered from erosion in its industrial base.

The 3.6% rise in manufacturing production worker's hourly earnings shown in Table 9 indicates that these workers lost economic ground as inflation, represented by the rise in the Consumer Price Index, rose 4.1% in the corresponding period. The chart showing real wages (inflation adjusted) for all Vermonters covered by unemployment insurance, which includes nearly all salaried workers and is therefore a much broader measure, indicates drastic erosion since 1975. After bottoming out in 1982 steady increase are shown however.

TABLE 6
PER CAPITA INCOME
VERMONT AND UNITED STATES
1969-1988

	VERMONT	U.S.	VT.% OF U.S.
1969	$3,367	$3,808	88.4%
1970	$3,604	$4,051	89.0%
1971	$3,827	$4,296	89.1%
1972	$4,142	$4,665	88.8%
1973	$4,518	$5,182	87.2%
1974	$4,852	$5,658	85.8%
1975	$5,179	$6,073	85.3%
1976	$5,709	$6,651	85.8%
1977	$6,151	$7,294	84.3%
1978	$7,005	$8,136	86.1%
1979	$7,786	$9,033	86.2%
1980	$8,578	$9,919	86.5%
1981	$9,564	$10,949	87.4%
1982	$10,110	$11,481	88.1%
1983	$10,627	$12,098	87.8%
1984	$11,539	$13,114	88.0%
1985	$12,378	$13,896	89.1%
1986	$13,315	$14,608	91.1%
1987	$14,325	$15,482	92.5%
1988	$15,382	$16,444	93.5%

SOURCE: U.S. DEPT. OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS

TABLE 7
UI COVERED WAGES-PRIVATE INDUSTRY
VERMONT AND THE UNITED STATES
ANNUAL AVERAGES 1977-1987

	VERMONT	U.S.	VT. % OF U.S.
1977	$9,199	$11,278	81.6%
1978	$9,936	$12,082	82.2%
1979	$10,829	$13,125	82.5%
1980	$11,840	$14,359	82.5%
1981	$12,792	$15,654	81.7%
1982	$13,585	$16,644	81.6%
1983	$14,469	$17,416	83.1%
1984	$15,213	$18,178	83.7%
1985	$15,767	$18,974	83.1%
1986	$16,666	$19,746	84.4%
1987	$17,433	$20,620	84.5%

SOURCE: EMPLOYMENT AND WAGES, U.S. DEPT. OF LABOR

TABLE 8
PER CAPITA INCOME
US, VERMONT, AND COUNTIES
1980-1987

	1980	1981	1982	1983	1984	1985	1986	1987	NUM.CHG 80-87	% CHG. 80-87
US	9,919	10,949	11,481	12,098	13,114	13,896	14,608	15,482	5,563	56.1%
VT	8,578	9,564	10,110	10,627	11,539	12,378	13,315	14,325	5,747	67.0%
ADDISON	7,749	8,582	9,118	9,182	9,983	10,707	11,870	12,954	5,205	67.2%
BENNINGTON	9,459	10,550	11,189	11,899	12,754	13,455	14,304	15,400	5,941	62.8%
CALEDONIA	7,537	8,382	8,841	9,298	9,834	10,508	11,205	11,926	4,389	58.2%
CHITTENDEN	9,250	10,552	11,240	11,919	12,971	14,111	15,143	16,181	6,931	74.9%
ESSEX	6,293	7,076	7,407	7,587	8,287	8,732	9,275	9,878	3,585	57.0%
FRANKLIN	7,872	8,577	9,077	9,386	10,050	10,655	11,176	12,028	4,156	52.8%
GRAND ISLE	7,998	8,742	9,134	9,691	10,567	11,722	12,558	13,647	5,649	70.6%
LAMOILLE	8,030	9,157	9,702	9,944	10,778	11,277	12,374	13,522	5,492	68.4%
ORANGE	7,709	8,654	9,062	9,465	10,438	11,273	12,003	12,984	5,275	68.4%
ORLEANS	6,979	7,585	8,113	8,266	9,028	9,463	10,186	10,948	3,969	56.9%
RUTLAND	8,724	9,585	10,078	10,675	11,685	12,571	13,588	14,558	5,834	66.9%
WASHINGTON	8,389	9,372	9,973	10,543	11,441	12,170	13,220	14,231	5,842	69.6%
WINDHAM	8,985	9,897	10,367	11,350	12,278	13,045	13,959	15,245	6,260	69.7%
WINDSOR	9,323	10,391	10,794	11,096	12,149	12,938	13,768	14,777	5,454	58.5%

SOURCE: U.S. DEPT. OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS

TABLE 9
AVERAGE HOURLY EARNINGS IN MANUFACTURING 1/
STATEWIDE 1987 AND 1988
(IN DOLLARS)

	1987	1988	PERCENT CHANGE
Total	$9.12	$9.45	3.6%
Durable Goods	$9.37	$9.79	4.5%
Lumber & Wood Products	$6.85	$7.28	6.3%
Furniture & Fixtures	$7.55	$7.88	4.4%
Stone, Clay & Glass	$9.45	$9.33	-1.3%
Fabricated Metals	$11.00	$11.22	2.0%
Machinery, ex. elec.	$9.14	$9.74	6.6%
Electrical Machinery	$10.32	$10.31	-0.1%
Nondurable Goods	$8.61	$8.71	1.2%
Food	$8.49	$8.59	1.2%
Apparel	$6.17	$6.04	-2.1%
Paper	$10.07	$9.68	-3.9%
Printing & Publishing	$9.56	$9.54	-0.2%
Rubber & Misc. Plas. Prod.	$7.11	$6.90	-3.0%

1/ Includes production workers only.

Source: Vermont Department of Employment & Training in cooperation with the Bureau of Labor Statistics, US Department of Labor.

CHART 2

PER CAPITA INCOME AS A PERCENTAGE OF U.S. AVERAGE
VERMONT COUNTIES
1985-1987

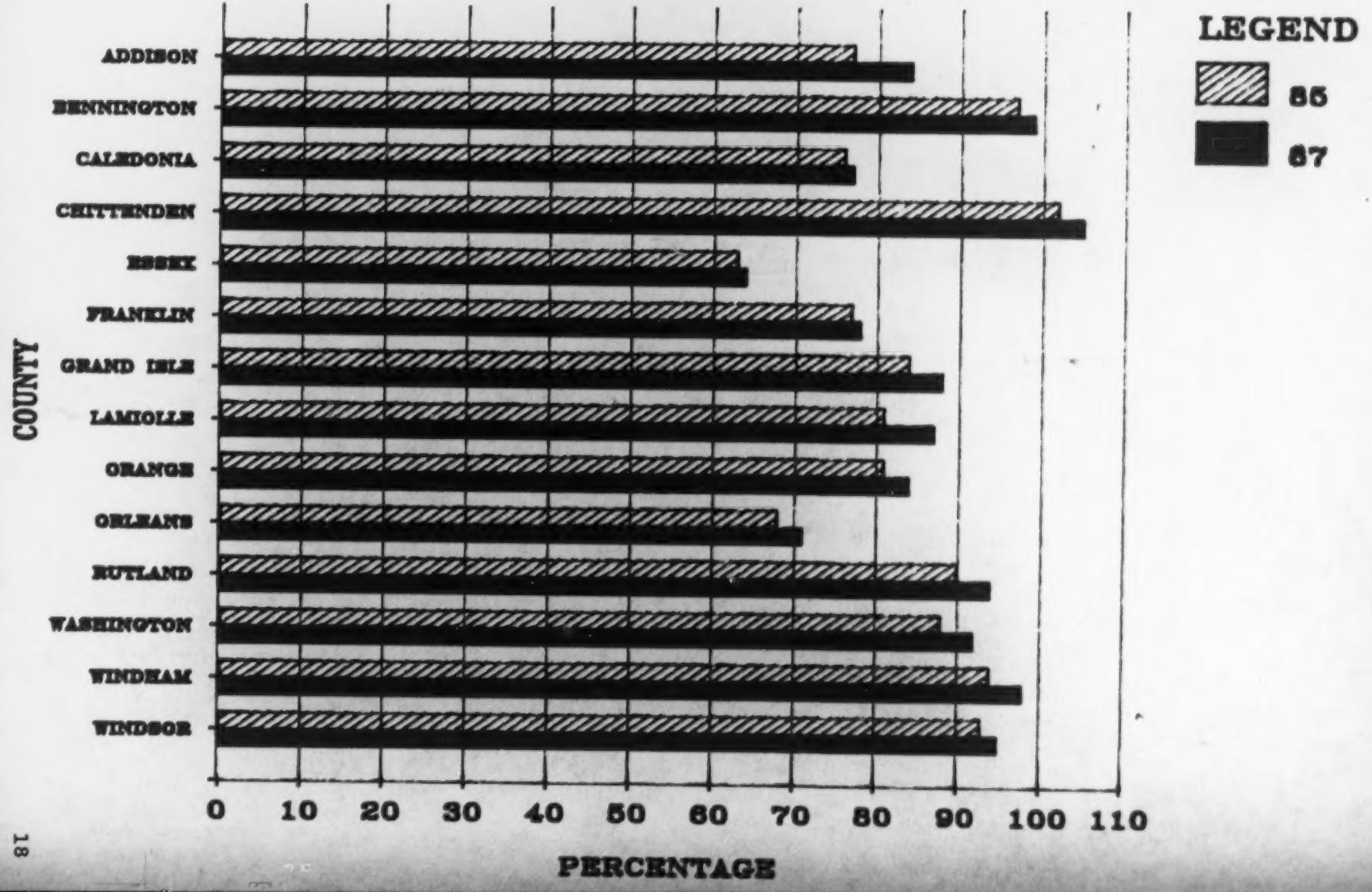


CHART 3

PER CAPITA INCOME
US, NEW ENGLAND, AND VERMONT
HISTORICAL DATA 1961-1988
PROJECTED TREND LINE TO 1990

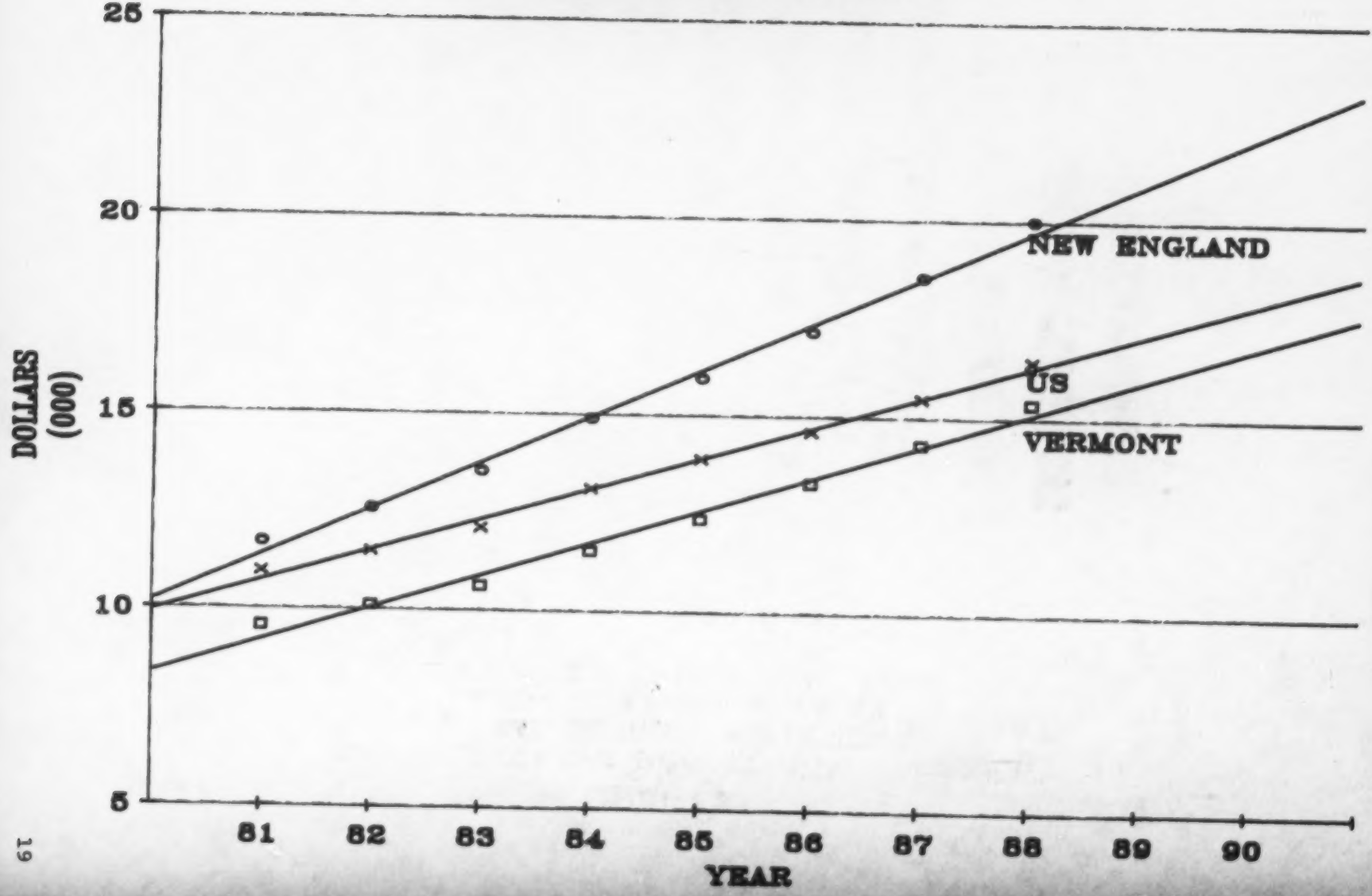


CHART 4

MANUFACTURING PRODUCTION WORKERS
REAL HOURLY EARNINGS
ANNUAL AVERAGE 75-88
PROJECTED TREND LINE 1990

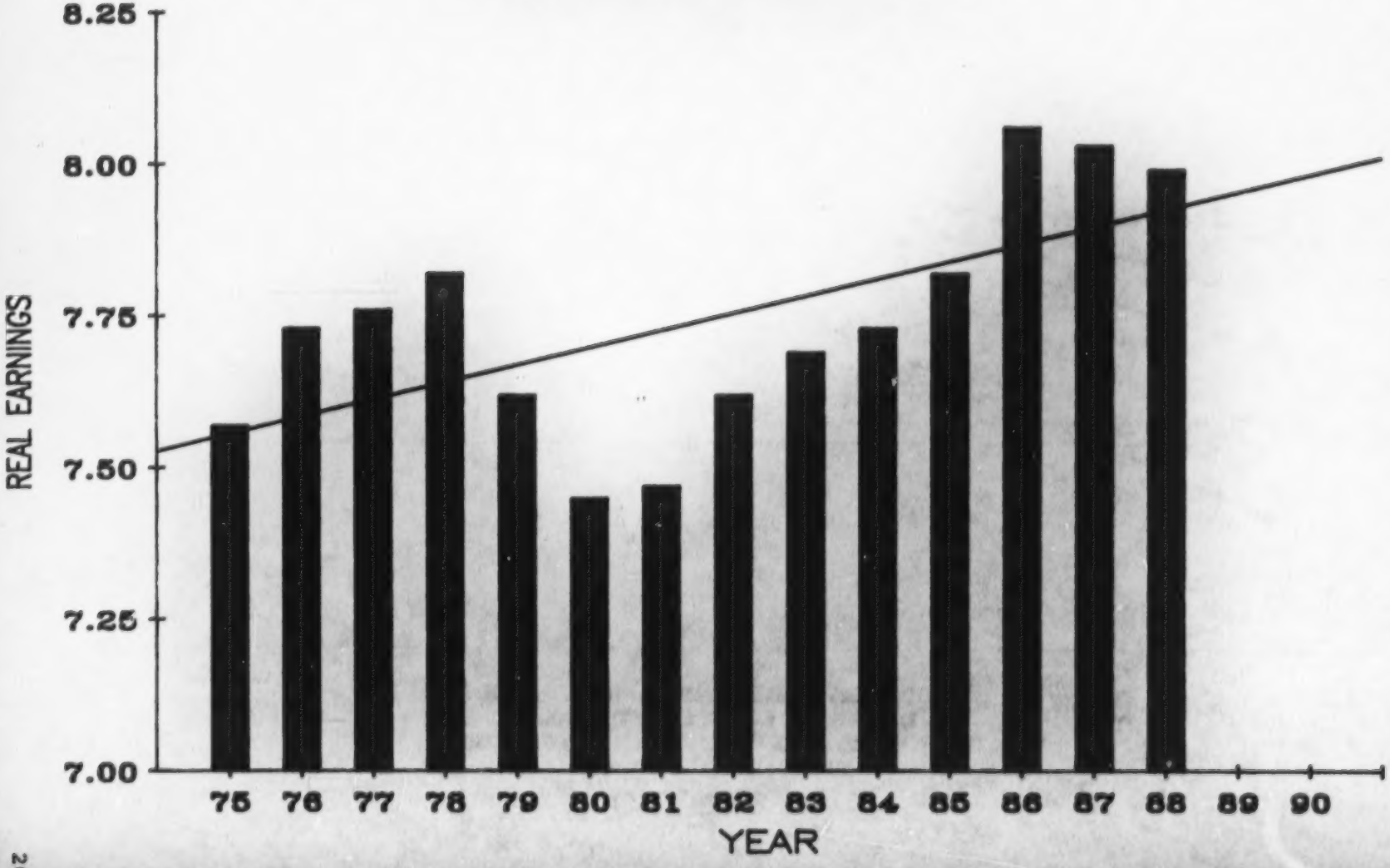


CHART 5

VERMONT PER CAPITA PERSONAL INCOME
PERCENT OF U.S. AVERAGE
1961-1987

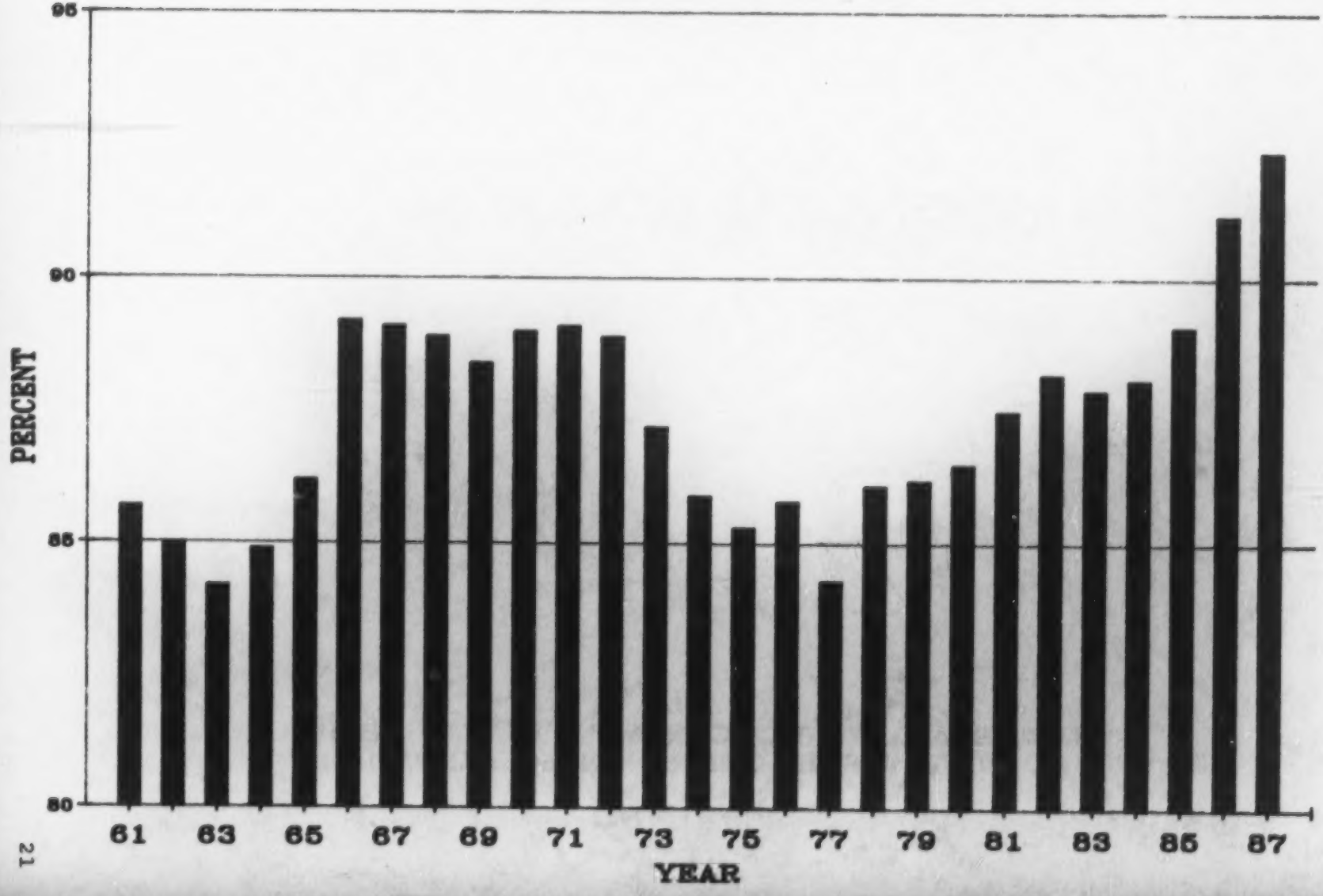


CHART 6

COMPONENTS OF NON-FARM PERSONAL INCOME
UNITED STATES, NEW ENGLAND, AND VERMONT
1987

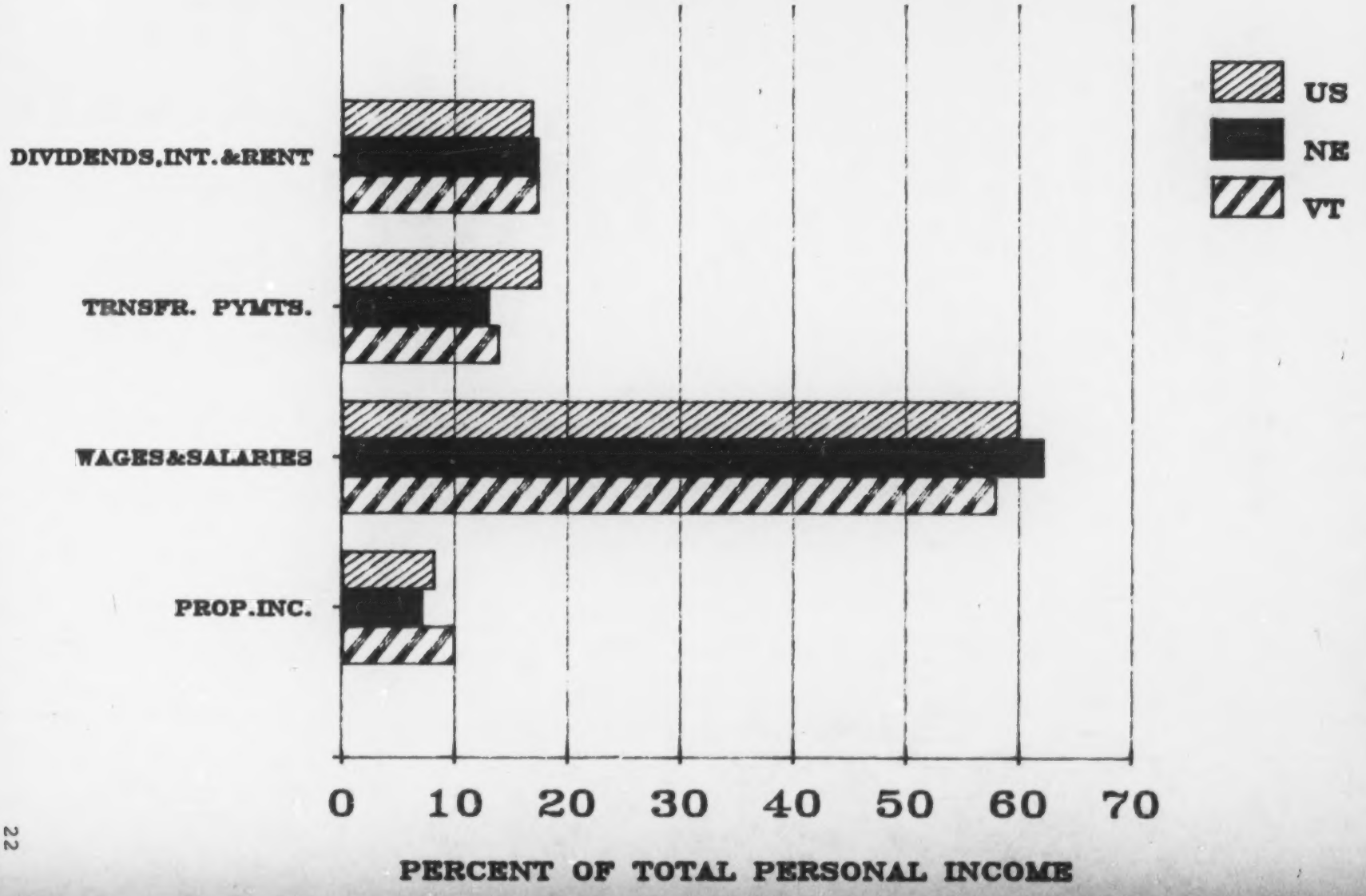


CHART 7

COMPONENTS OF VERMONT NON-FARM INCOME
1980-1987

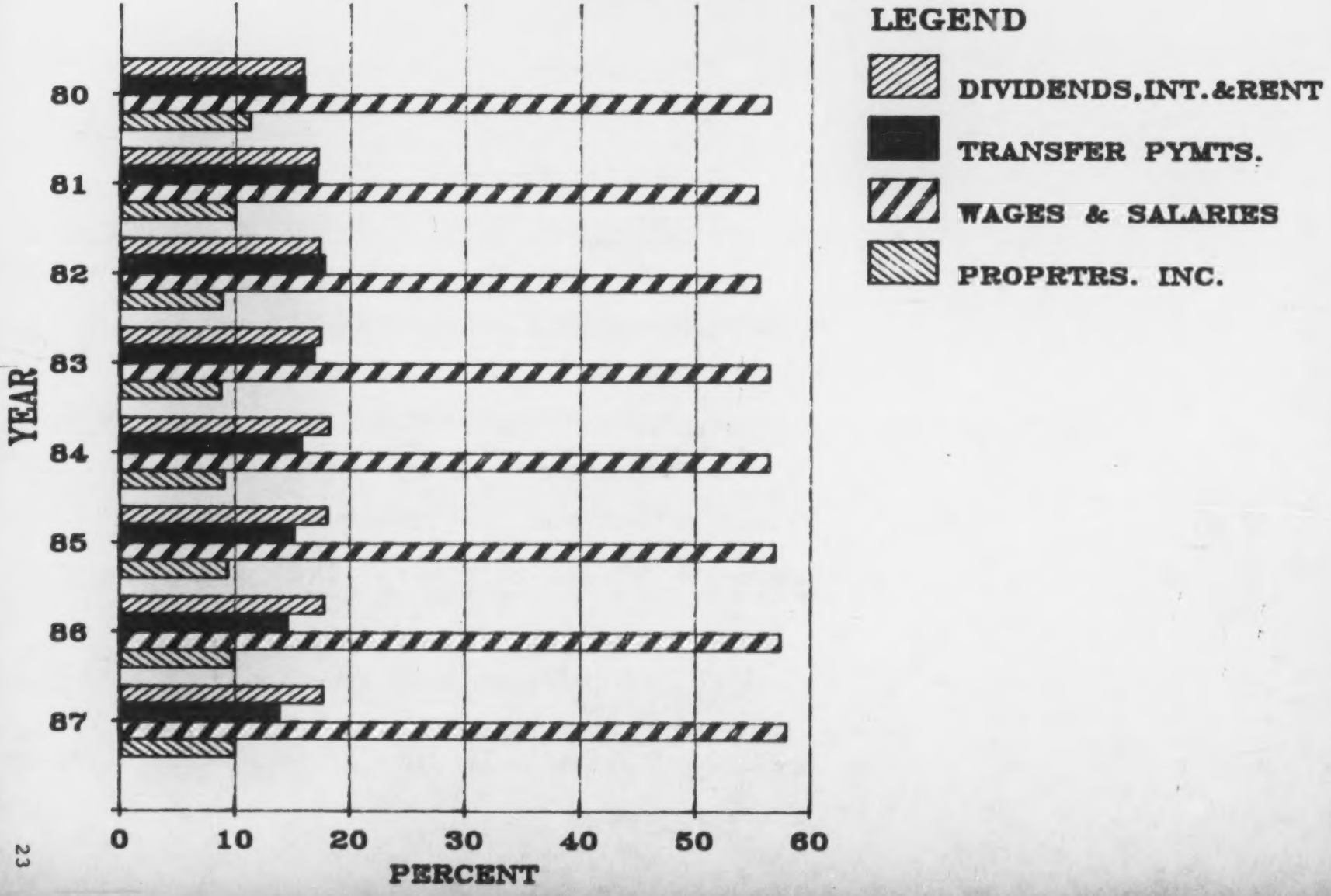


CHART 8

ANNUAL AVERAGE COVERED WAGES
PERCENT OF STATE AVERAGE
BY COUNTY
1980 & 1987

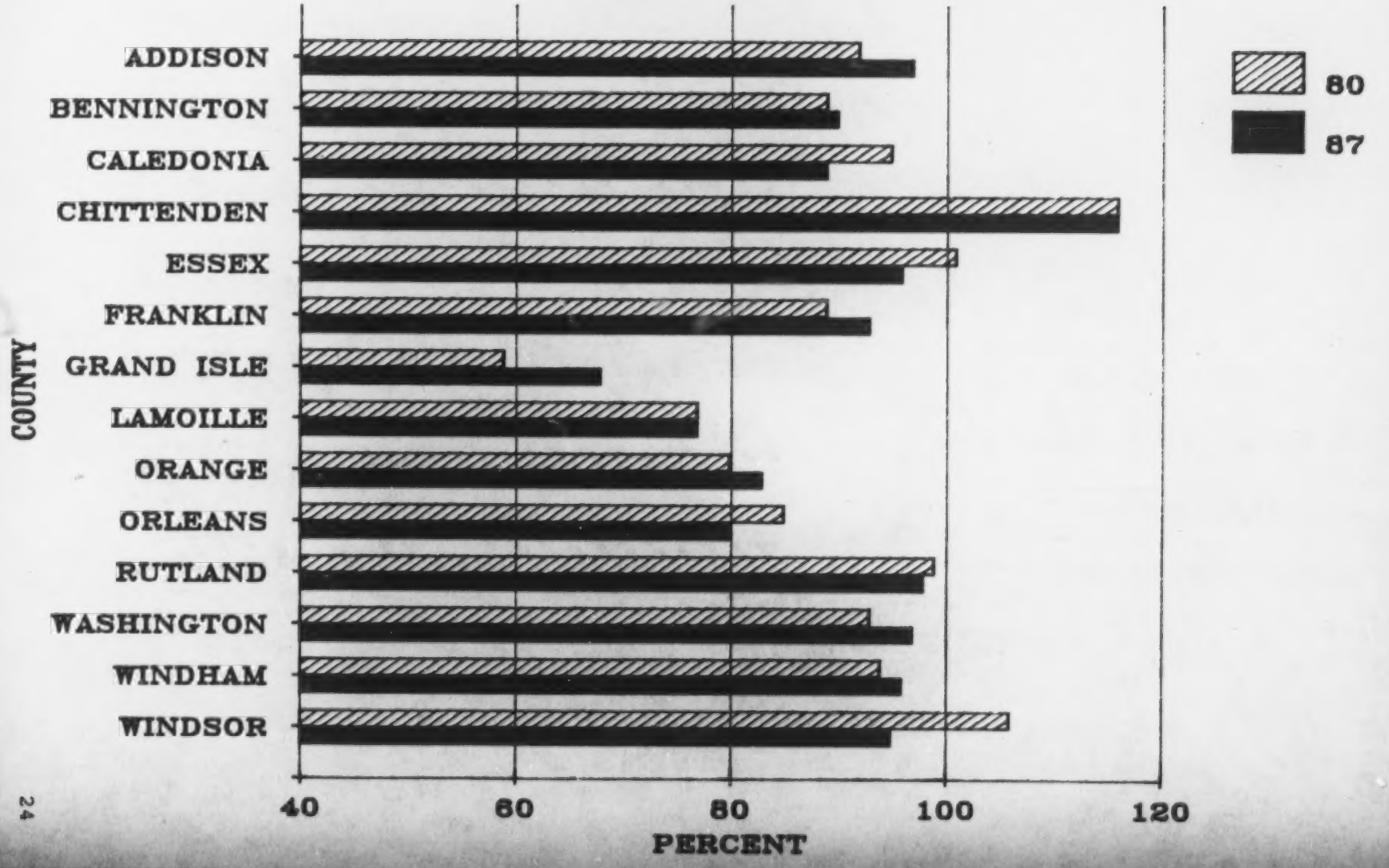
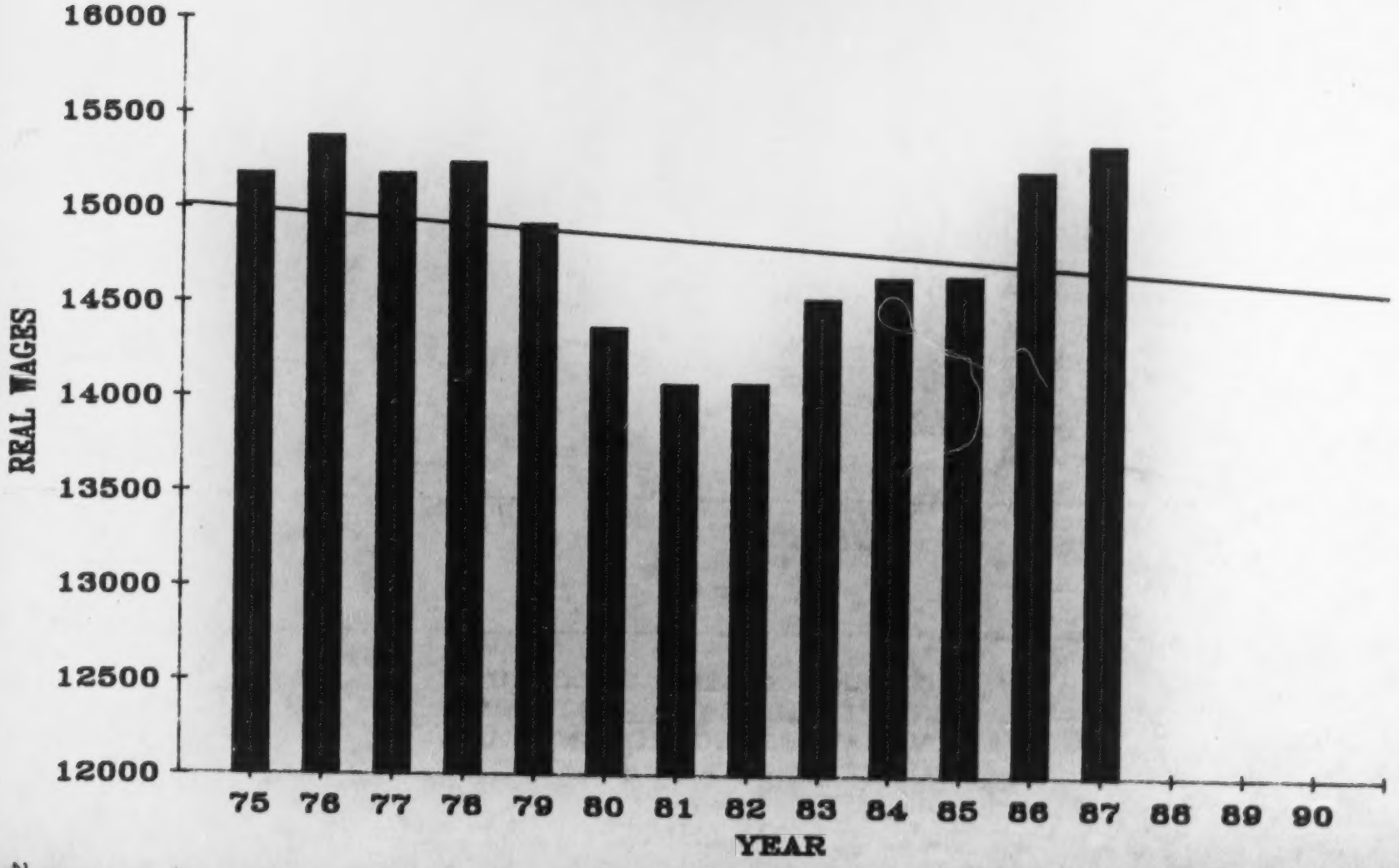


CHART 9

REAL UI COVERED WAGES PRIVATE INDUSTRY
ANNUAL AVERAGES 1975-87
AND PROJECTED TREND LINE TO 1990
VERMONT



82-84 CONSTANT DOLLARS

CHART 10

VERMONT PER CAPITA INCOME
PERCENTAGE OF US AVERAGE
1981-1988 HISTORICAL DATA
PROJECTED TREND LINE 1990

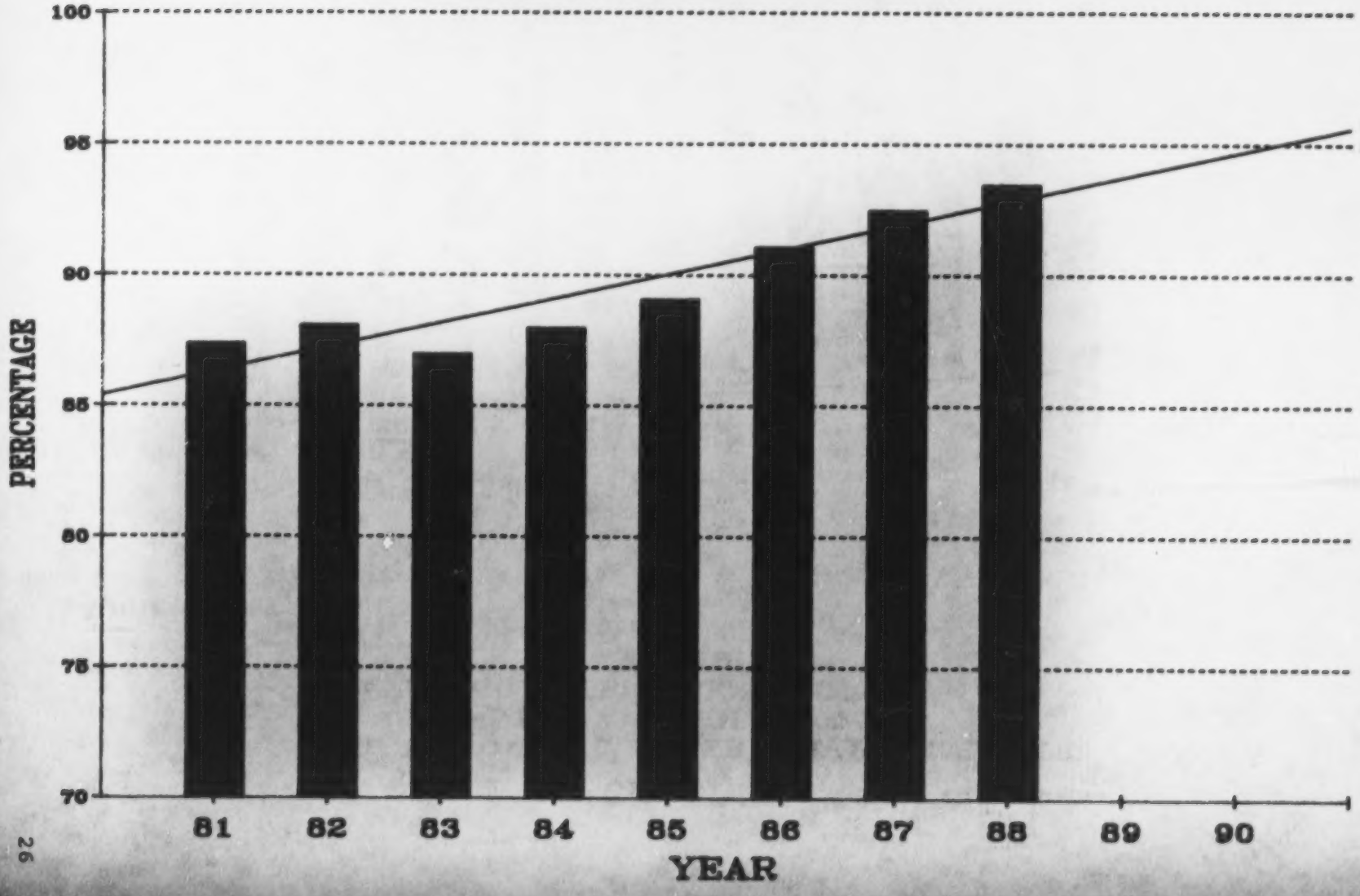
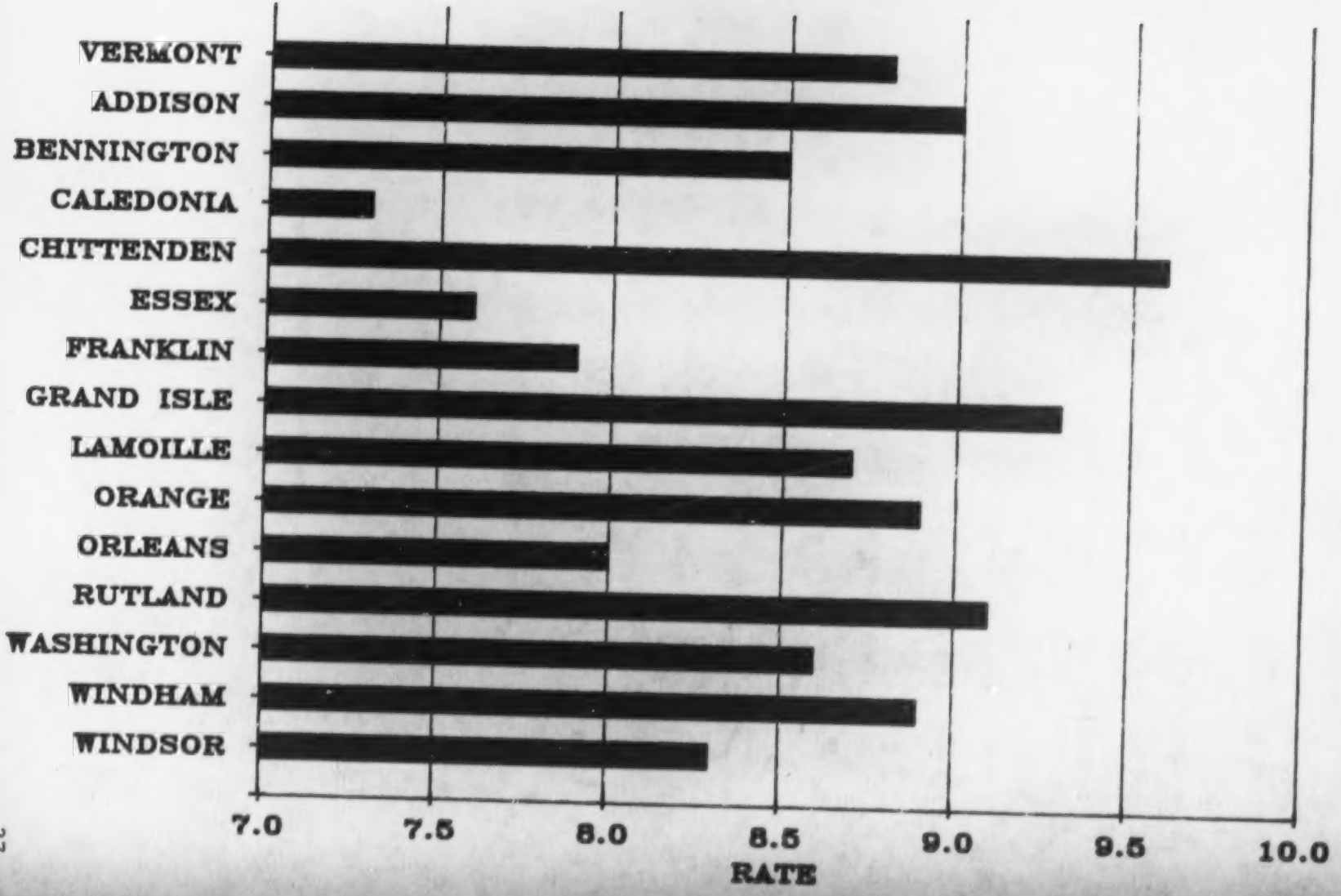


CHART 11

AVERAGE ANNUAL GROWTH RATES PER CAPITA PERSONAL INCOME VERMONT COUNTIES 1977-1987



STATEWIDE EMPLOYMENT TRENDS

Nonagricultural wage and salary employment averaged 253,200 in 1988, this was an increase of over 7700 or 3.2% above the 1987 annual average. After four years of annual growth rates of over 4% this represents a moderation of the economy's strong growth during most of the 1980's.

Manufacturing industries added 200 jobs during the year with durable goods showing an increase of 450 while nondurables lost 250.

The only durable goods industries losing jobs were Fabricated Metals and Other Durables. Both industries were adversely affected by cuts in the federal defense budget. Encouraging developments were seen in Furniture industries and non-electrical Machinery as both reversed long term employment declines. The machine tool sector, once a vital industry in the Connecticut River Valley dominated by large firms, has become an industry of smaller firms with a much broader product base. The state's large Electrical Machinery sector recovered from some significant employment losses in 1987 and showed a modest increase. Vermont's Stone processing industry continued its solid growth.

Widespread losses in the nondurables were somewhat mitigated by growth in the burgeoning Food processing sector and the usual election year mini-boom in Printing and Publishing. The most serious situation among the employment losing industries is in Apparel. This once strong industry showed a large 15.4% decline in employment with the number of firms dropping by around 6%.

Nonmanufacturing industries during 1988 generated an employment gain of 7,550 or 3.9%. This represents a moderating of the strong growth in nonmanufacturing during the 1980's as the sector has averaged nearly a 5% rate annually.

Vermont's small Mining & Quarrying industry was stable during the period. The Construction industry gain of 950 is somewhat weaker than has been the case during the past few years but is still a healthy 5.8%. Transportation and Public Utilities gained 250 jobs a moderate increase characteristic of partly-regulated industries. Trade continued its strong performance by adding 2950 jobs during the year. The retail sector was much more vigorous than the smaller wholesale sector. Even though the Finance, Insurance, and Real Estate sector gained 500 jobs in 1988, that represents a lower than usual increase because of difficulties in some of the state's large insurance carriers. A significant number of new jobs in FIRE came from the real estate sector which grew a a rate twice that of the industry as a whole. The rapid growth in the Service industries was subdued in 1988 by a combination of unfavorable weather conditions during the summer and a labor shortage associated with the state's record low unemployment.Employment in resorts and amusement services were hard hit in the May-September period by these factors. The other significant sector in services, health services, was very strong. The largest contributor to the growth in Government employment was local education.

Comparing the trends in employment between 87-88 and those since the start of the decade shows that in 1988 only durable goods manufacturing, TPU, and government did relatively better than they have in recent years. Although 1988 indicates a slowdown in the exceptional employment growth of the last several years, the strength in the vitally important durable goods sector is quite encouraging.

TABLE 10
AVERAGE ESTIMATED NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT 1/
IN VERMONT: 1980, 1987, 1988

	EMPLOYMENT			Compound Growth Rate	Percent Change
	1980	1987	1988	1980-87	1987-88
Total	200,100	245,450	253,200	3.0%	3.2%
Manufacturing	50,900	49,500	49,700	-0.4%	0.4%
Durable Goods	37,050	34,950	35,400	-0.8%	1.3%
Lumber & Wood Products	3,750	4,000	4,050	0.9%	1.3%
Furniture & Fixtures	2,650	2,250	2,500	-2.3%	11.1%
Stone, Clay & Glass	2,350	2,600	2,750	1.5%	5.8%
Fabricated Metal Products	3,700	3,300	3,200	-1.6%	-3.0%
Machinery, Exc. Elec.	7,300	4,250	4,400	-7.4%	3.5%
Electrical Machinery	11,200	11,900	12,200	0.9%	2.5%
Other 2/	6,100	6,650	6,300	1.2%	-5.3%
Nondurable Goods	13,850	14,550	14,300	0.7%	-1.7%
Food	2,350	3,050	3,250	3.8%	6.6%
Apparel	1,650	1,300	1,100	-3.3%	-15.4%
Paper	2,700	2,450	2,350	-1.4%	-4.1%
Printing & Publishing	3,900	4,650	4,800	2.5%	3.2%
Rubber, Misc. Plastic Prods.	1,600	1,250	1,150	-3.5%	8.0%
Other 3/	1,650	1,850	1,650	1.6%	-10.8%
Nonmanufacturing	149,200	195,950	203,500	4.0%	3.9%
Mining & Quarrying	700	550	550	-3.4%	0.0%
Contract Construction	10,100	16,450	17,400	7.2%	5.8%
Transp. & Public Utilities	8,750	10,050	10,300	2.0%	2.5%
Trade: Wholesale & Retail	40,750	56,800	59,750	4.9%	5.2%
Fin., Ins. & Real Estate	8,050	12,000	12,500	5.9%	4.2%
Service & Miscellaneous	43,850	61,050	62,150	4.8%	1.8%
Government	37,000	39,050	40,850	0.8%	4.6%
Federal	4,550	5,000	5,150	1.4%	3.0%
State	13,550	13,850	14,350	0.3%	3.6%
Local	18,900	20,200	21,350	1.0%	5.7%

1/ Establishment based data. Based on Current Employment Statistics data.
2/ Includes primary metal products, transportation equipment, professional and scientific instruments, miscellaneous manufacturing.
3/ Includes textiles, chemicals, leather & leather products, petroleum refining and related industries.
Source: Vermont Department of Employment and Training in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

CHART 12
SHARE OF TOTAL NON AG EMPLOYMENT
VT AND US
ANNUAL AVERAGE 1988

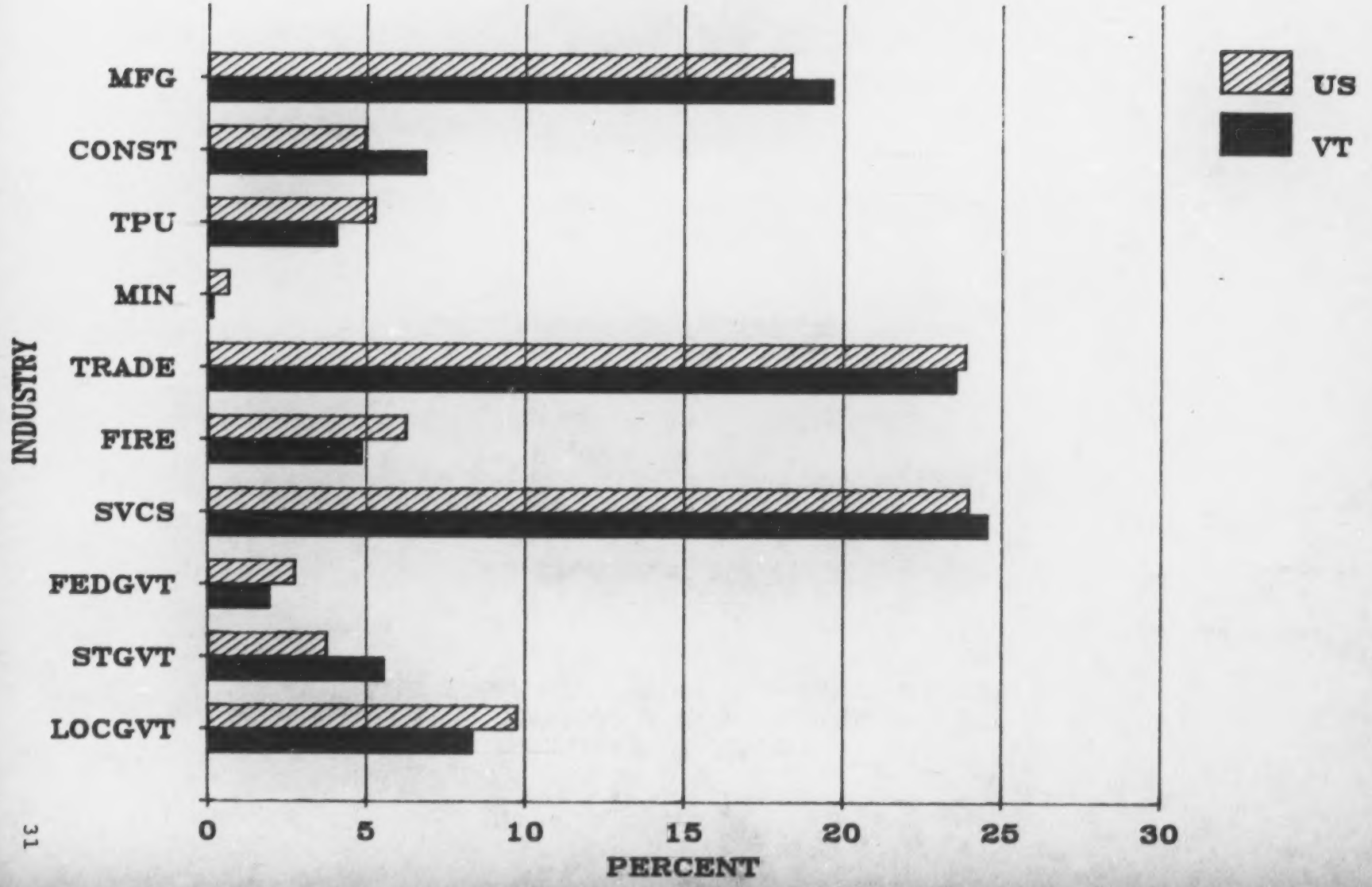


CHART 13

GROWTH RATES
VERMONT INDUSTRIES
AVERAGE CHANGE 1980-87 & 1987-88 CHANGE

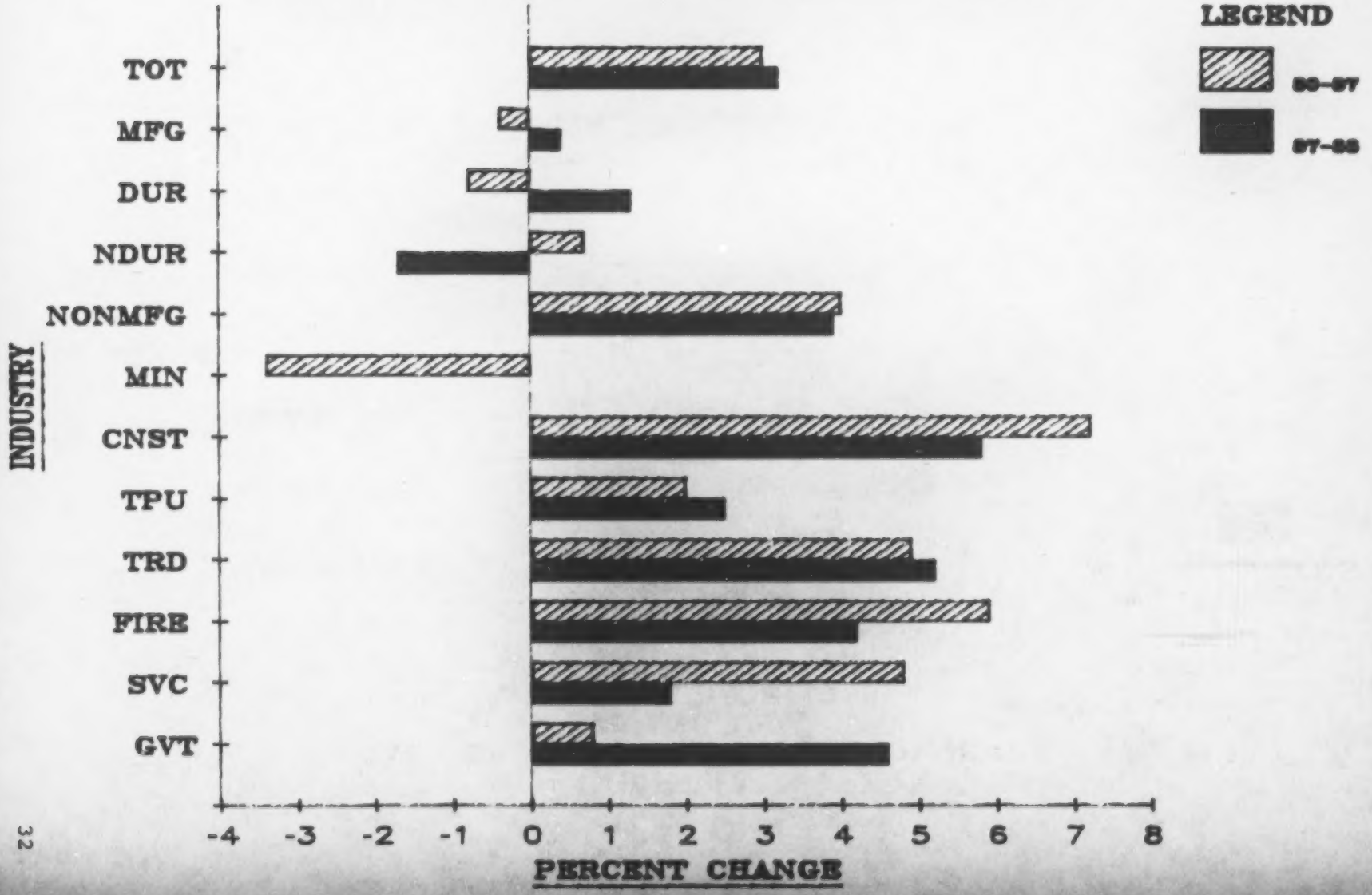
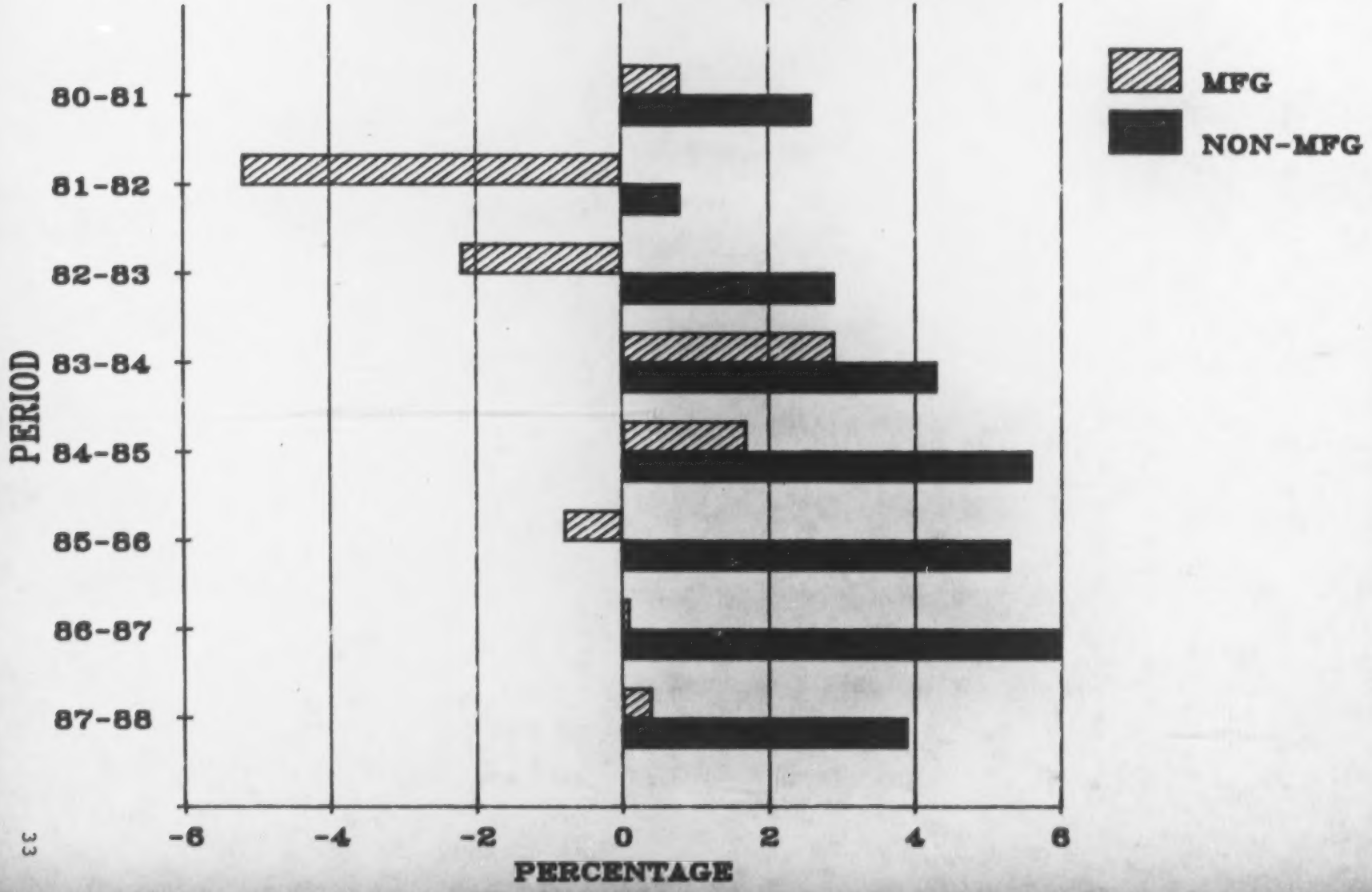


CHART 14

AVERAGE ANNUAL EMPLOYMENT GROWTH MANUFACTURING AND NONMANUFACTURING VERMONT 1980-1988



VERMONT EMPLOYMENT PROJECTIONS TO 2000 BY INDUSTRY

Vermont's employment is to projected to increase at an annual rate of 2% each year to 2000. Growth will be concentrated in service and trade, industries which are expected to account for 3 out of 4 new jobs created between 1987 and the year 2000. Construction is also projected to grow substantially. Manufacturing is expected to grow the least of any industry division, except for Agriculture which is the only industrial division expected to decline to the year 2000.

TABLE 11
EMPLOYMENT IN VERMONT BY INDUSTRY
1987 AND 2000

INDUSTRY TITLE	1987 ANNUAL AVERAGE EMPLOYMENT	2000 PROJECTED AMOUNT	CHANGE BETWEEN 1987-2000 PERCENT
Total All Industries	252,050	327,000	74,950	29.7%
Agr., Forestry, & Fisheries	5,000	4,200	(800)	-16.0%
Mining & Construction	17,000	24,300	7,300	42.9%
Manufacturing	49,600	52,500	2,900	5.8%
Durable Goods	35,000	36,500	1,500	4.3%
Nondurable Goods	14,600	16,000	1,400	9.6%
Transportation & Utilities 1/	10,000	12,000	2,000	20.0%
Wholesale Trade	10,900	16,900	6,000	55.0%
Retail Trade	45,850	64,750	18,900	41.2%
Finance, Ins. & Real Estate	12,050	16,650	4,600	38.2%
Services	83,200	114,600	31,400	37.7%
Government	18,450	21,100	2,650	14.4%
Federal	5,000	5,600	600	12.0%
State, except Education	8,100	8,600	500	6.2%
Local, except Education	5,350	6,900	1,550	29.0%

NOTE: Self-employed and unpaid family workers are NOT included in this table
Source: Vermont Department of Employment and Training.

Vermont Labor Force

The Current Population Survey is a nationwide survey conducted monthly for the Bureau of Labor Statistics by the Census Bureau to determine the labor force, employment and unemployment for the nation and states. All labor force, employment and unemployment data are collected by place of residence. The Current Population Survey estimates are the official series used for distribution of funds for all federal programs that are dependent on local area unemployment estimates.

Current Population Survey Estimates

Labor Force Developments

The Current Population Survey estimates showed an increase of 58,000 residents or 24.2 percent in Vermont's annual average labor force from 240,000 in 1978 to 298,000 in 1988. Except for the Middlebury and Springfield labor markets, all areas and counties showed increased levels of total employment. Overall growth in the working age population coupled with increased participation rates, particularly among women and youth, caused this large growth in the Vermont labor force. Teenage labor force (16-19) participation increased from 48.1 percent in 1980 to 67.0 percent in 1988. During the same time period, the women's participation rate rose 11.0 percent, from 51.8 percent to 62.8 percent, while the male participation rate rose 4.3 percent. The largest number of participants in the Vermont labor force, as shown on Table 14, are in the 25-34 age group. In all age groups, males still have the higher participation rate. Male and female participation rates are closest in the 16-19 age group. In this group the male rate is only 1.3 percent higher than the female rate.

The gender composition of the labor force has changed with 46.0 percent of the labor force female in 1988. This is up from 42.8 percent in 1980. The chart trend line shows that female employment growth as a percent of the labor market has been steady for the past several years. Women appear to

be entering the labor force, relative to men, largely by way of the service industry and part-time jobs. Women still dominate the Administrative Support and Service occupations with 79.5 and 70.0 percent respectively of available jobs. In part-time jobs, 27.7 percent of all women,'s jobs are part-time while the men's percentage of part-time jobs is only 10.6.

Unemployment Developments

Vermont's economy showed a considerable improvement in 1988. Between 1987 and 1988 all labor market areas and all counties experienced lower unemployment rates and reduced numbers of unemployed. The 1988 unemployment rate averaged 2.8 percent and the number of unemployed residents fell to 8,000. Both the rate and level of unemployment were the lowest since 1978. During 1988, Chittenden County had the lowest unemployment rate, 1.6 percent, while Orleans County had the highest rate, 5.2 percent. Within the labor markets, White River Junction posted the lowest unemployment rate, 1.6 percent, and the Newport rate was the highest, 4.9 percent.

The 1988 unemployment was evenly split between men and women. The average unemployment rates were also very close, 2.7 percent for men and 2.9 percent for women. The most common reason for being unemployed for women, however, was difficulty in entering or re-entering the labor force. The major reason for unemployment for men was loss of last job. The 1988 average duration of unemployment was very similar for both sexes, 5.7 weeks for men and 5.9 weeks for women.

The unemployment rate tended to decrease in the older age groups, with the 65+ rate being below 1.0 percent. Males had lower unemployment rates until the age of 35. From the age of 35 until 65+ men had higher rates of unemployment than women. The non-white Vermont labor force consisted of only 1,000 with an unemployment rate of 1.7 percent.

Between 1987 and 1988, the New England rate decreased 0.1 of a percentage point, the United States rate decreased 0.7 of a percentage point and Vermont's rate decreased by 0.8 percentage point. Table 16 gives the 1978 to 1988 unemployment rates for the United States, New England and Vermont.

Economic Outlook

The Vermont economic forecast prepared by the Office of Policy Research and Coordination in May 1989, predicts slower growth in Vermont's economy for the period 1988 to 1991. National trends, such as decreased consumer spending, a slowdown in export activity, higher interest rates, stagnant defense spending and less investment spending, are expected to moderate growth in most segments of the Vermont economy.

Between now and 1991 non-manufacturing, particularly trade and services, is forecast to account for the bulk of new jobs created in Vermont. Trade and services are expected to add 12,500 new jobs by 1991. Manufacturing is forecast to shrink slightly before showing some growth in 1991.

Vermont's population is projected to grow more slowly in the near future, adding about 16,000 to the total population by 1991. The total labor force is likewise forecast to grow at a slower pace than in recent years. Increased demand for workers will keep the unemployment rates low during most of the next three years. Higher interest rates are expected to keep job growth down in construction and finance, insurance, and real estate over the forecast period. In the government sector , state and local government is forecast to grow due to the need for more teachers over the next three years.

TABLE 12
VERMONT LABOR FORCE ESTIMATES
ANNUAL AVERAGES
1978-1988
CURRENT POPULATION SURVEY ESTIMATES

YEAR	CIVILIAN LABOR FORCE 1/	UNEMPLOYED NUMBER	UNEMPLOYED RATE 2/	TOTAL EMPLOYMENT 3/
1978	240,000	14,000	5.9	226,000
1979	245,000	12,000	5.1	232,000
1980	250,000	16,000	6.4	235,000
1981	258,000	15,000	5.7	244,000
1982	264,000	18,000	6.9	246,000
1983	265,000	18,000	6.9	247,000
1984	269,000	14,000	5.2	255,000
1985	278,000	13,000	4.8	265,000
1986	292,000	14,000	4.7	278,000
1987	295,000	11,000	3.6	285,000
1988	298,000	8,000	2.8	289,000

1/ Includes persons involved in labor disputes, but excludes military personnel.
2/ As a percent of the labor force.
3/ Employment adjusted to persons by place of residence.

All data benchmarked to Current Population Survey Annual Averages. The number of Employed and Unemployed may not equal the Labor Force due to rounding error.

For methodology, see Glossary of Terms.

Source: Vermont Department of Employment and Training in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

TABLE 13
VERMONT LABOR FORCE BY AGE GROUP
1988
CURRENT POPULATION SURVEY ESTIMATES

AGE GROUP	CIVILIAN LABOR FORCE	UNEMPLOYED		TOTAL EMPLOYMENT
		NUMBER	RATE (%)	
TOTAL				
16 - 19	21,000	1,000	5.5	20,000
20 - 24	34,000	2,000	5.7	32,000
25 - 34	89,000	2,000	2.6	86,000
35 - 44	76,000	2,000	2.4	75,000
45 - 54	44,000	1,000	1.6	44,000
55 - 64	26,000	N/A	1.2	25,000
65+	8,000	N/A	0.6	8,000
TOTAL	298,000	8,000	2.8	289,000
WHITE				
16 - 19	21,000	1,000	5.5	20,000
20 - 24	33,000	2,000	5.8	31,000
25 - 34	88,000	2,000	2.6	85,000
35 - 44	76,000	2,000	2.4	74,000
45 - 54	44,000	1,000	1.6	43,000
55 - 64	25,000	N/A	1.2	25,000
65+	8,000	N/A	0.6	8,000
TOTAL	296,000	8,000	2.8	287,000

* - Excludes Military personnel
N/A - Not available
Data may not add due to rounding.

Source: U.S. Department of Labor, Bureau of Labor Statistics

TABLE 14
LABOR FORCE PARTICIPATION RATES BY SEX AND AGE
FOR VERMONT

AGE	1980	1986	1987	1988
TOTAL 16+	63.0%	71.7%	71.5%	70.9%
16-19	48.1	65.0	67.4	67.0
20-24	72.0	87.2	86.2	82.8
25-34	81.3	88.1	88.9	87.6
35-44	81.7	89.1	89.7	88.2
45-54	76.4	82.4	83.0	84.1
55-64	56.4	63.3	N/A	57.1
65+	14.2	16.1	N/A	12.6
WOMEN 16+	51.8	63.2	64.0	62.8
16-19	45.4	61.2	71.3	66.4
20-24	66.0	82.7	83.1	77.1
25-34	68.5	79.9	80.3	79.5
35-44	67.9	82.0	82.2	81.3
45-54	62.8	72.3	N/A	75.6
55-64	42.9	51.4	N/A	50.1
65+	9.6	11.6	N/A	7.4
MEN 16+	75.2	80.9	79.5	79.5
16-19	50.8	68.5	64.1	67.7
20-24	78.1	91.9	89.6	88.8
25-34	94.4	96.8	97.5	95.5
35-44	95.4	96.1	97.1	94.9
45-54	90.4	92.9	N/A	92.3
55-64	71.7	77.0	N/A	66.0
65+	21.2	22.3	N/A	19.8

N/A - Not Available

Sources:
1985 Geographic Profile of Employment and Unemployment, U.S. Department of Labor, Bureau of Labor Statistics.
1980 Census of Population, Special Tabulation for Bureau of Labor Statistics. Includes 274 people in the Armed Forces.

TABLE 15
VERMONT LABOR FORCE BY SEX AND RACE *
1987 - 1988
CURRENT POPULATION SURVEY ESTIMATES

BY SEX

	1987			1988		
	TOTAL	MALE	FEMALE	TOTAL	MALE	FEMALE
Labor Force	295,000	159,000	137,000	298,000	161,000	137,000
Unemployment	11,000	5,000	6,000	8,000	4,000	4,000
Rate	3.6%	3.2%	4.1%	2.8%	2.7%	2.9%
Employment	285,000	154,000	131,000	289,000	157,000	133,000

BY RACE

	1987			1988		
	TOTAL	WHITE	NONWHITE	TOTAL	WHITE	NONWHITE
Labor Force	295,000	293,000	N/A	298,000	296,000	1,000
Unemployment	11,000	11,000	N/A	8,000	8,000	N/A
Rate	3.6%	3.6%	N/A	2.8%	2.8%	1.7%
Employment	285,000	283,000	N/A	289,000	287,000	1,000

* - Excludes Military personnel.
Data may not add to totals due to rounding.
N/A - Not available

Source: U.S. Department of Labor, Bureau of Labor Statistics.

TABLE 16
COMPARISON OF UNEMPLOYMENT RATES: ANNUAL AVERAGES
UNITED STATES, NEW ENGLAND AND VERMONT
1978-1988

	UNITED STATES 1/	NEW ENGLAND 1/	VERMONT 2/
1978	6.0	5.7	5.9
1979	5.8	5.4	5.1
1980	7.0	5.9	6.4
1981	7.5	6.3	5.7
1982	9.5	7.8	6.9
1983	9.5	6.8	6.9
1984	7.4	4.9	5.2
1985	7.1	4.4	4.8
1986	6.9	3.9	4.7
1987	6.3	3.3	3.6
1988	5.6	3.2	2.8

Source: 1/ U.S. Department of Labor, Bureau of Labor Statistics.
2/ Vermont Department of Employment & Training in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

TABLE 17
LABOR FORCE ESTIMATES: VERMONT COUNTIES
ANNUAL AVERAGES
1988
CURRENT POPULATION SURVEY ESTIMATES

COUNTY	CIVILIAN LABOR FORCE 1/	UNEMPLOYED NUMBER	UNEMPLOYED RATE 2/	TOTAL EMPLOYMENT 3/
Addison	16,900	550	3.2	16,350
Bennington	19,700	600	3.0	19,100
Caledonia	13,000	400	3.0	12,600
Chittenden	74,850	1,400	1.9	73,450
Essex	3,000	100	3.0	2,900
Franklin	17,250	750	4.2	16,500
Grand Isle	2,600	100	4.4	2,450
Lamoille	11,300	400	3.7	10,850
Orange	12,850	250	2.1	12,550
Orleans	11,150	550	5.2	10,550
Rutland	33,650	850	2.6	32,800
Washington	28,650	900	3.1	27,750
Windham	23,050	500	2.2	22,500
Windsor	29,200	600	2.1	28,600
STATEWIDE	298,000	8,000	2.8	289,000

1/ Includes persons involved in labor disputes, but excludes military personnel.
2/ As a percent of the labor force.
3/ Employment adjusted to persons by place of residence.
All data benchmarked to Current Population Survey Annual Averages.
Not comparable with data before 1978.
For methodology, see Glossary of Terms.
Data may not add to totals due to rounding.
Source: Vermont Department of Employment and Training in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

TABLE 18
LABOR FORCE ESTIMATES: VERMONT LABOR MARKET AREAS
ANNUAL AVERAGES
1988
CURRENT POPULATION SURVEY ESTIMATES

LABOR MARKET AREA	CIVILIAN LABOR FORCE 1/	% TOTAL	UNEMPLOYED NUMBER	UNEMPLOYED RATE 2/	TOTAL EMPLOYMENT 3/
Barre-Montpelier	40,750	13.7	1,150	2.8	39,600
Bennington	19,700	6.6	600	3.0	19,100
Brattleboro	18,050	6.1	400	2.3	17,600
Burlington	74,800	25.1	1,400	1.9	73,400
Middlebury	16,500	5.5	550	3.2	16,000
Morrisville	11,300	3.8	400	3.7	10,850
Newport	12,700	4.3	600	4.9	12,100
Rutland	33,650	11.3	850	2.6	32,800
St. Albans	18,800	6.3	800	4.4	17,950
St. Johnsbury	13,500	4.5	400	3.0	13,100
Springfield	16,500	5.5	400	2.6	16,050
White River Jct.	20,800	7.0	350	1.6	20,450
STATEWIDE	298,000	100.0	8,000	2.8	289,000

1/ Includes persons involved in labor disputes, but excludes military personnel.
2/ As a percent of the labor force.
3/ Employment adjusted to persons by place of residence.
All data benchmarked to Current Population Survey Annual Averages.
Not comparable with data before 1978.
For methodology, see Glossary of Terms.
Data may not add to totals due to rounding.
Source: Vermont Department of Employment and Training in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.

TABLE 19
CIVILIAN LABOR FORCE STATUS BY SEX
ANNUAL AVERAGE LABOR FORCE, PARTICIPATION, UNEMPLOYMENT
FOR VERMONT

	1987	1988
TOTAL		
Population (16+)	414,000	420,000
Labor Force	295,000	298,000
Participation Rate	71.5%	70.9%
Unemployment	11,000	8,000
Unemployment Rate	3.6%	2.8%
WOMEN		
Population (16+)	214,000	217,000
Labor Force	137,000	137,000
Participation Rate	64.0%	62.8%
Unemployment	6,000	4,000
Unemployment Rate	4.1%	2.9%
MEN		
Population (16+)	200,000	203,000
Labor Force	159,000	161,000
Participation Rate	79.5%	79.5%
Unemployment	5,000	4,000
Unemployment Rate	3.2%	2.7%

Sources: Geographic Profile of Employment and Unemployment, U.S. Dept. of Labor, Bureau of Labor Statistics.
U.S. Census of Population: 1980, U.S. Department of Commerce, Bureau of the Census.

TABLE 20
PERCENT OF EMPLOYMENT FOR WOMEN
BY OCCUPATION

OCCUPATIONAL CATEGORY	1986	1987	1988
Total	45.5%	46.0%	46.0%
Executive & Managerial	40.6	40.0	41.7
Professional Specialty	50.0	51.2	50.0
Technicians & Related	50.0	40.0	44.4
Sales	53.1	50.0	46.7
Administrative Support, Including Clerical	82.5	81.6	79.5
Service	64.9	67.5	70.0
Precision Production, Craft	10.3	7.7	10.5
Machine Operators,Assemblers	42.1	50.0	50.0
Transportation	N/A	7.7	7.1
Handlers, Helpers, Laborers	11.1	25.0	22.2
Farmers, Forestry, Fishing	25.0	18.2	25.0

N/A - Not Available

Source:

Geographic Profile of Employment and Unemployment, U.S. Dept. of Labor, Labor, Bureau of Labor Statistics.

TABLE 21
WOMEN'S SHARE OF THE LABOR FORCE AND THE UNEMPLOYED
VERMONT

	LABOR FORCE	UNEMPLOYED
1988	46.0%	50.0%
1987	46.3	54.5
1986	45.6	50.0
1985	45.1	53.8
1984	43.1	42.9
1983	44.0	44.4
1982	43.8	44.4
1981	43.5	53.3
1980	42.8	50.0

Sources:Geographic Profile of Employment and
Unemployment, U.S. Dept. of Labor,
Bureau of Labor Statistics.
U.S. Census of Population: 1980,
U.S. Department of Commerce,
Bureau of the Census.

TABLE 22
DISTRIBUTION OF LABOR FORCE
BY PART TIME AND FULL TIME STATUS
1988

	TOTAL LABOR FORCE	EMPLOYED FULL-TIME	EMPL. P-T FOR ECONOMIC REASONS	EMPL. PART-TIME BY CHOICE	UNEM-PLOYED FULL-TIME	UNEM-PLOYED PART-TIME
Both Sexes						
Age 16+	298,000	78.9%	3.0%	15.4%	2.0%	0.7%
Age 16-19	21,000	42.9	4.8	47.6	N/A	4.8
Age 20+	277,000	81.6	2.9	12.6	2.2	0.4
Male						
Age 16+	161,000	87.0	2.5	8.1	2.5	0.6
Age 16-19	10,000	50.0	N/A	50.0	N/A	N/A
Age 20+	151,000	89.4	2.0	5.3	2.0	N/A
Female						
Age 16+	137,000	69.3	3.6	24.1	2.2	0.7
Age 16-19	11,000	36.4	9.1	54.5	N/A	N/A
Age 20+	126,000	72.2	3.2	21.4	1.6	0.8

N/A - Not Available

Source: Geographic Profile of Employment & Unemployment

U.S. Department of Labor, Bureau of Labor Statistics

TABLE 23
FEMALES NOT IN THE LABOR FORCE BY AGE AND REASON
VERMONT
1988

Age	Total	Keeping House	Going to School	Unable to work	Other*
16+	81,000	59.3%	8.6%	4.9%	28.4%
16-19	6,000	N/A	66.7	N/A	16.7
20+	75,000	62.7	2.7	4.0	29.3
20-24	5,000	60.0	20.0	N/A	20.0
25-34	10,000	80.0	10.0	N/A	10.0
35-44	8,000	87.5	N/A	N/A	12.5
45-54	6,000	83.3	N/A	N/A	16.7
55-64	12,000	58.3	N/A	8.3	33.3
65+	33,000	51.5	N/A	6.1	42.4

* - Retired, voluntarily idle, seasonal workers in the off season who are not looking for work, persons not looking for work due to age, lack of education or training, etc. or because of job market conditions, and unpaid family workers who work less than 15 hours per week.
N/A - Not Available

Source: Current Population Survey, 1988 Annual Averages

TABLE 24
DISTRIBUTION OF UNEMPLOYED PERSONS BY DURATION OF UNEMPLOYMENT AND SEX, 1988

	0-4 WEEKS	5-14 WEEKS	15-26 WEEKS	27+ WEEKS	MEAN DURATION
TOTAL	62.5%	25.0%	12.5%	NA	5.8 WKS
MALE	50.0	25.0	NA	NA	5.7 WKS
FEMALE	75.0	25.0	NA	NA	5.9 WKS

Source:

Geographic Profile of Employment and Unemployment
U.S. Department of Labor, Bureau of Labor Statistics

CHART 15

ANNUAL AVERAGE UNEMPLOYMENT RATES UNITED STATES, NEW ENGLAND, AND VERMONT 1978-1988

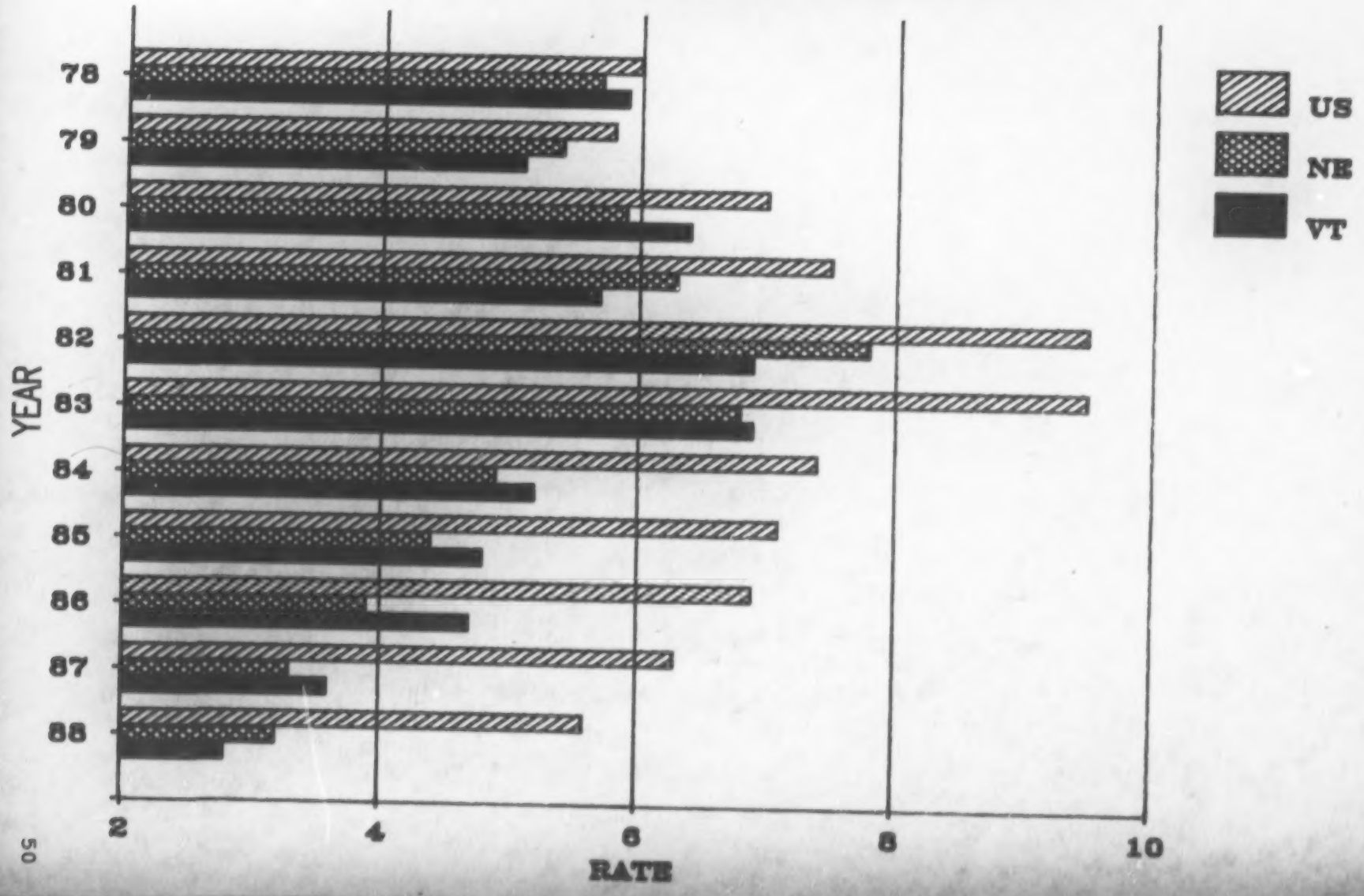


CHART 16

MALE AND FEMALE SHARE OF UNEMPLOYMENT
1980-88
VERMONT

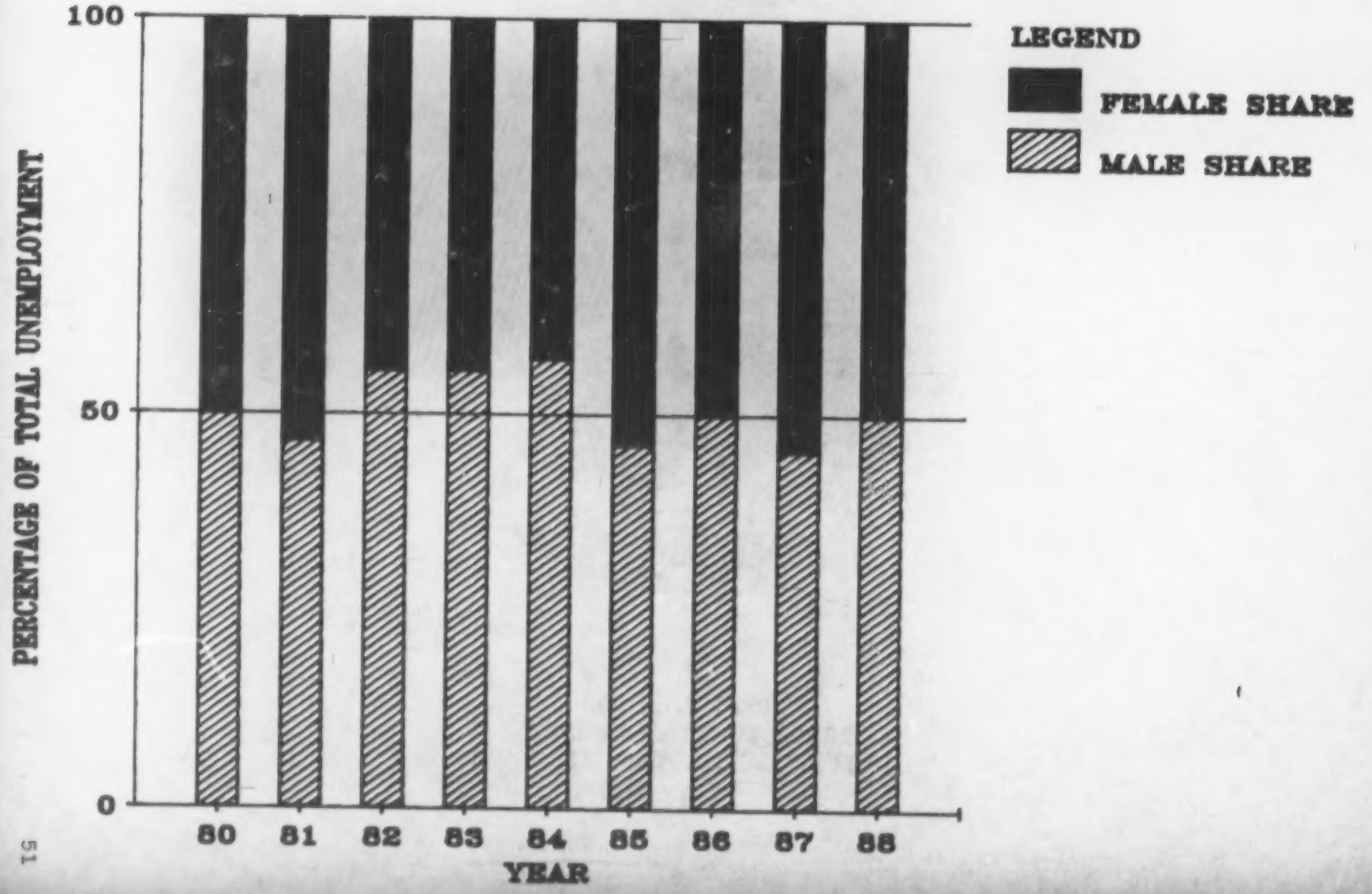
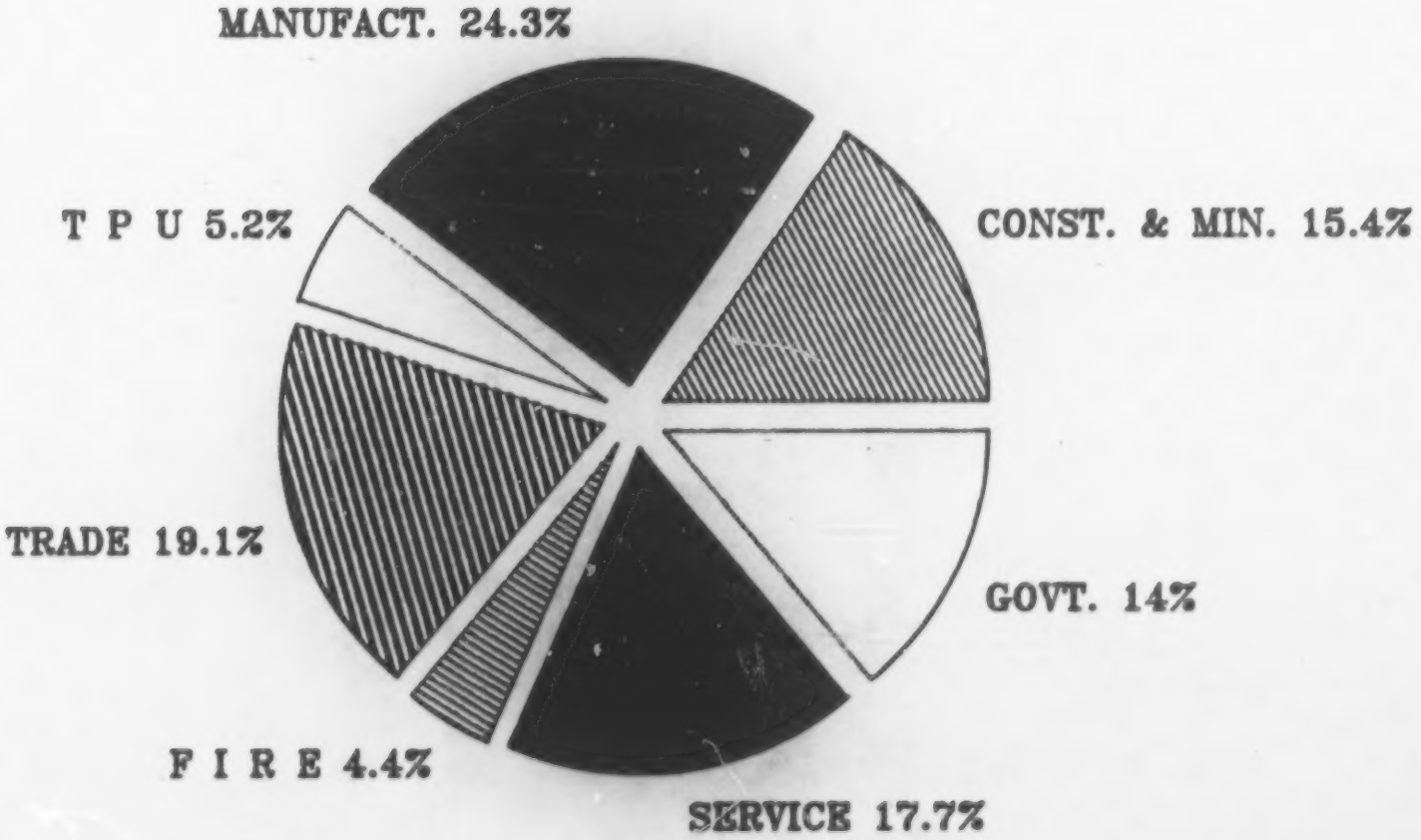


CHART 17

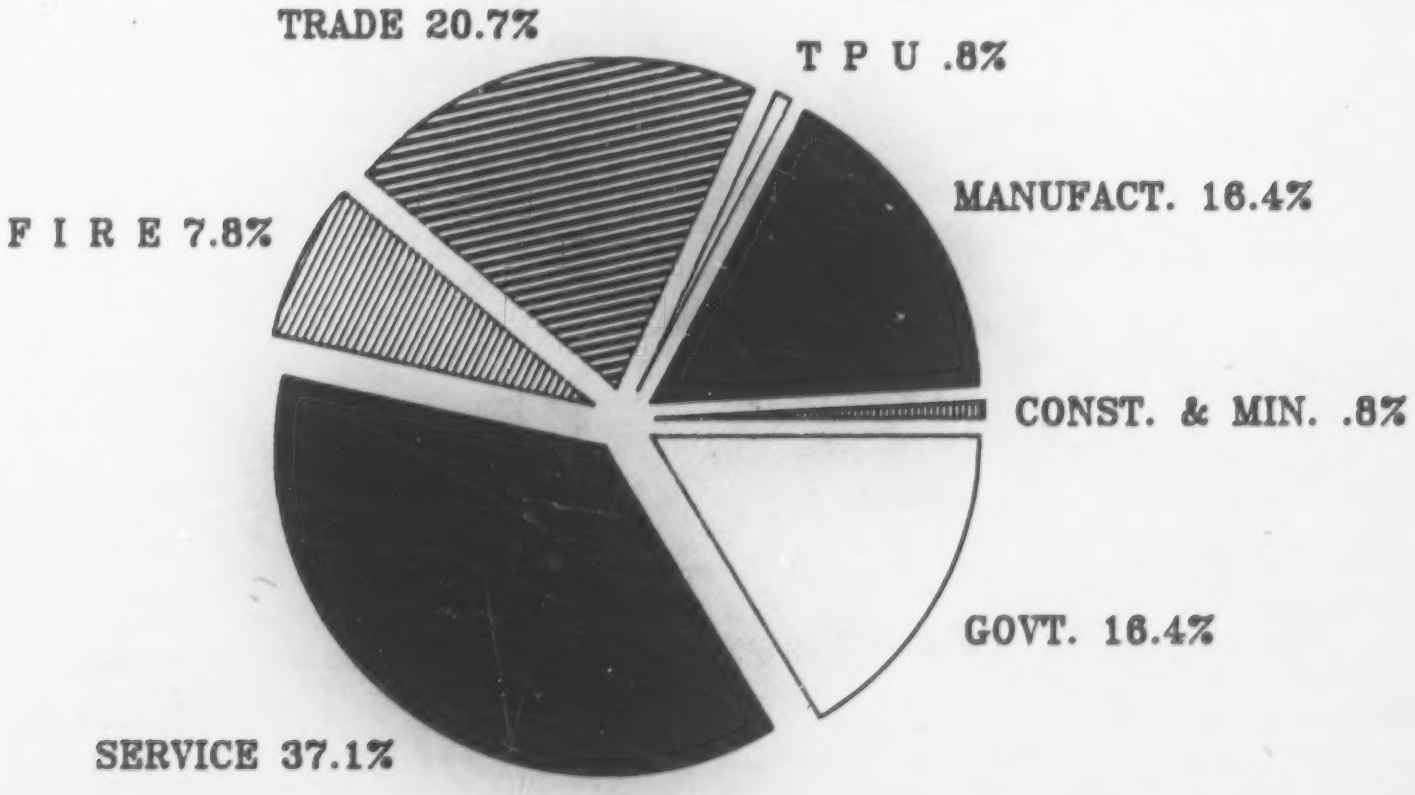
INDUSTRY ATTACHMENT OF THE EXPERIENCED LABOR FORCE VERMONT 1988



MALE

CHART 18

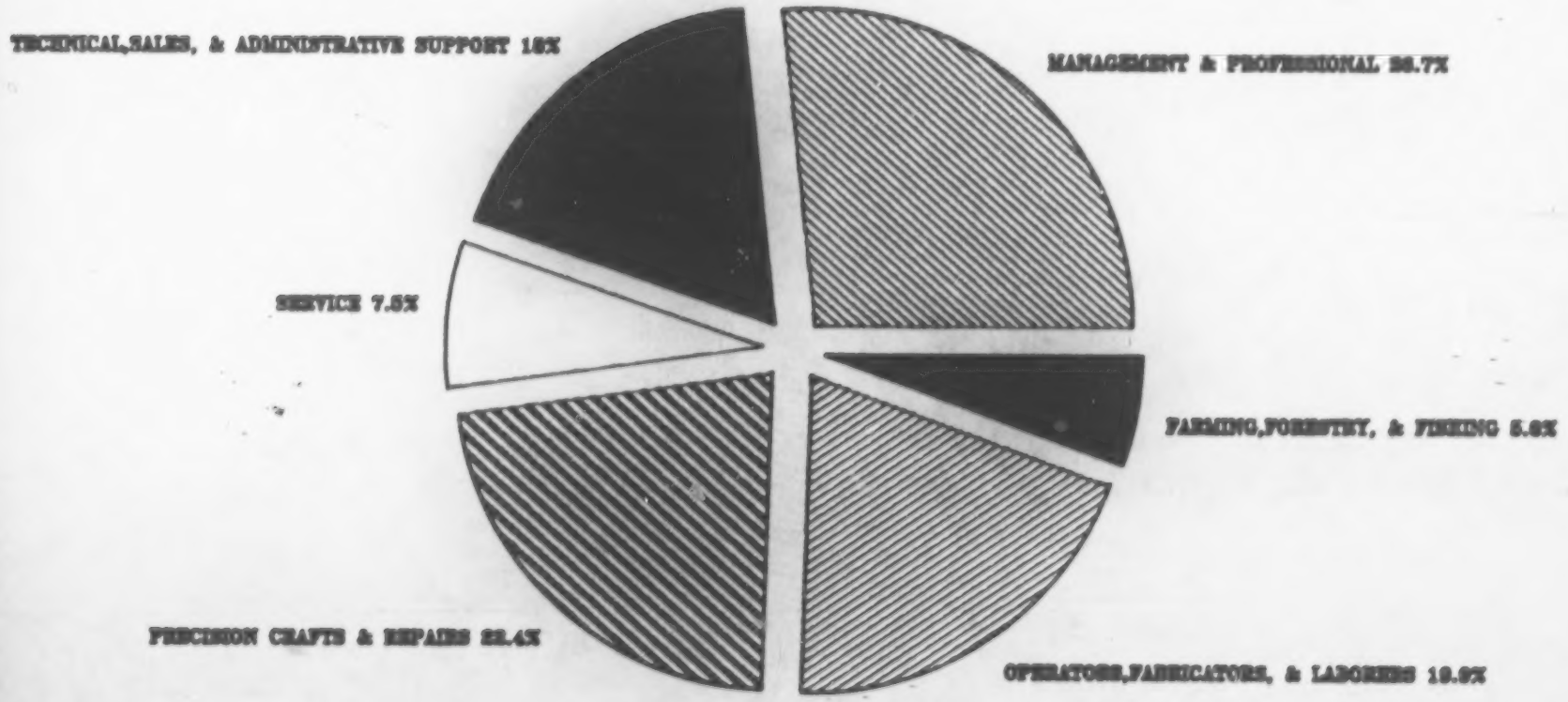
INDUSTRY ATTACHMENT OF THE EXPERIENCED LABOR FORCE VERMONT 1988



FEMALE

CHART 19

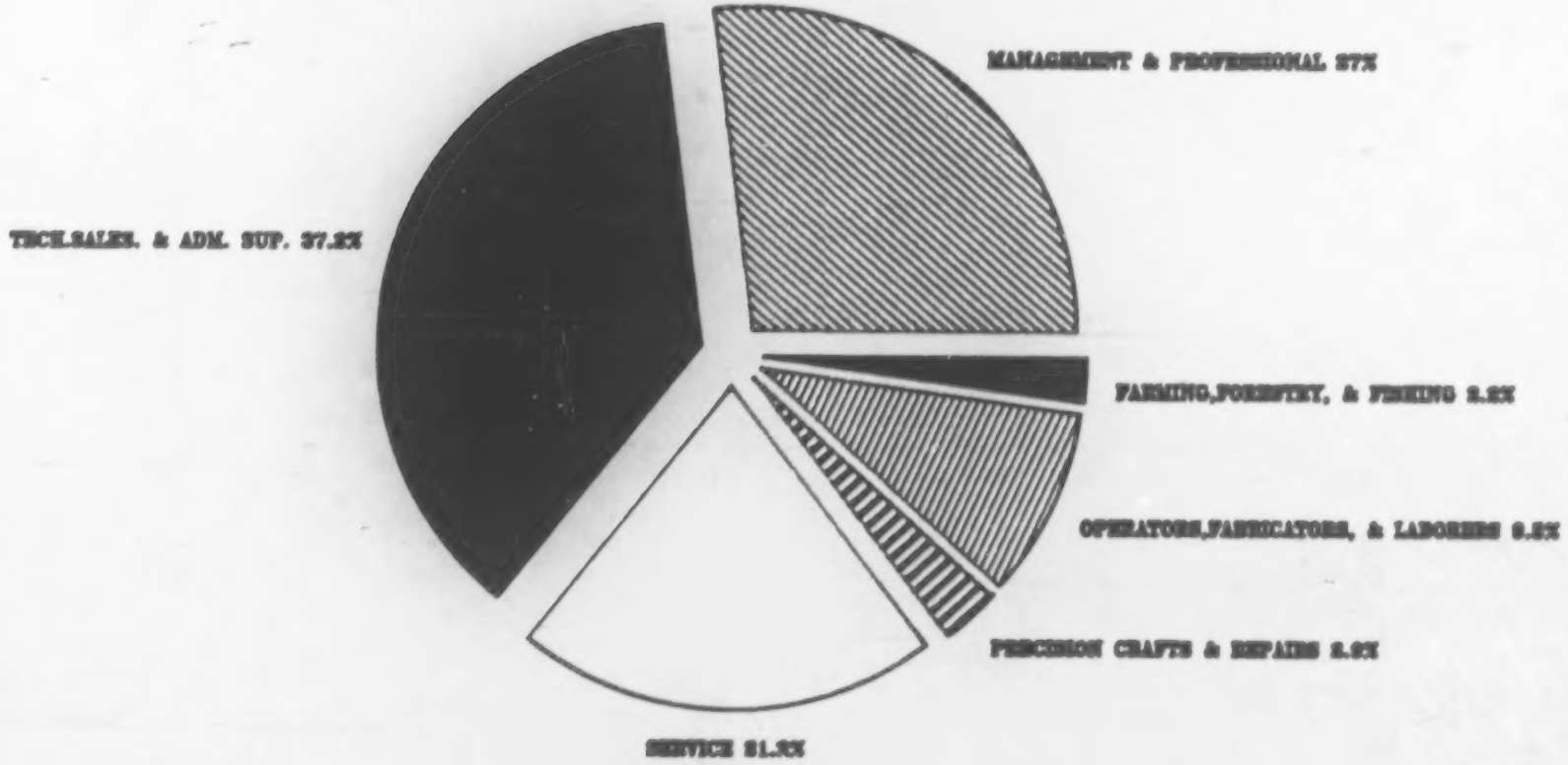
OCCUPATIONAL ATTACHMENT OF THE EXPERIENCED LABOR FORCE VERMONT 1988


TECHNICAL,SALES, & ADMINISTRATIVE SUPPORT 18%
MANAGEMENT & PROFESSIONAL 26.7%
SERVICE 7.5%
FARMING,FORESTRY, & FISHING 5.8%
PRECISION CRAFTS & REPAIRS 22.4%
OPERATORS,FABRICATORS, & LABORERS 19.6%

MALE

CHART 20

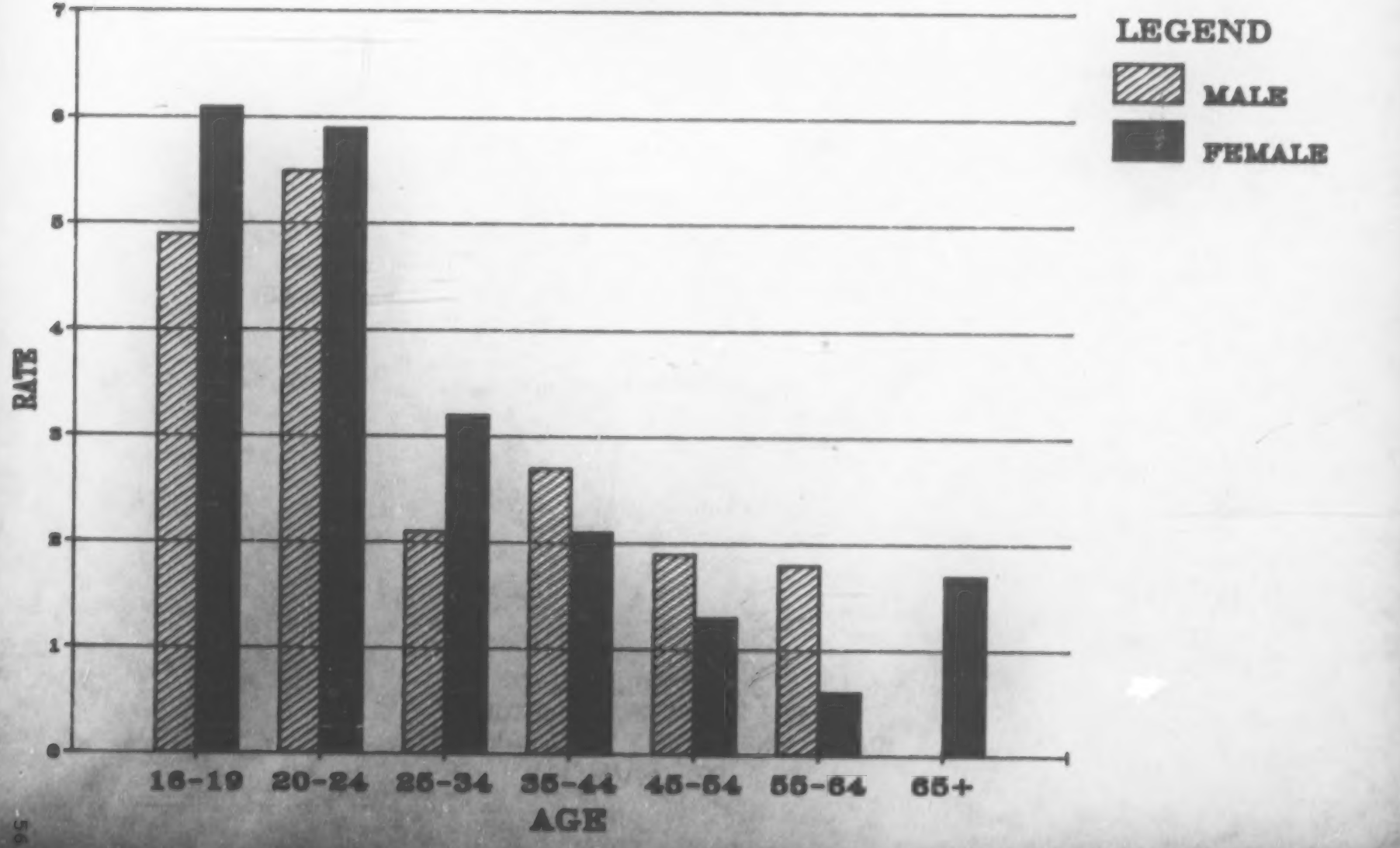
OCCUPATIONAL ATTACHMENT OF THE EXPERIENCED LABOR FORCE VERMONT 1988


MANAGEMENT & PROFESSIONAL 27%
TECH.SALES. & ADM. SUP. 37.2%
FARMING,FORESTRY, & FISHING 2.2%
OPERATORS,FABRICATORS, & LABORERS 9.2%
PRECISION CRAFTS & REPAIRS 2.2%
SERVICE 21.2%

FEMALE

CHART 21

UNEMPLOYMENT RATES BY AGE & SEX VERMONT 1988



MALE UNEMPLOYMENT 65+ IS STATISTICALLY INSIGNIFICANT

CHART 22

MALE AND FEMALE SHARE OF TOTAL LABOR FORCE
HISTORICAL DATA 1980-88
PROJECTED TREND LINE TO 1990
VERMONT

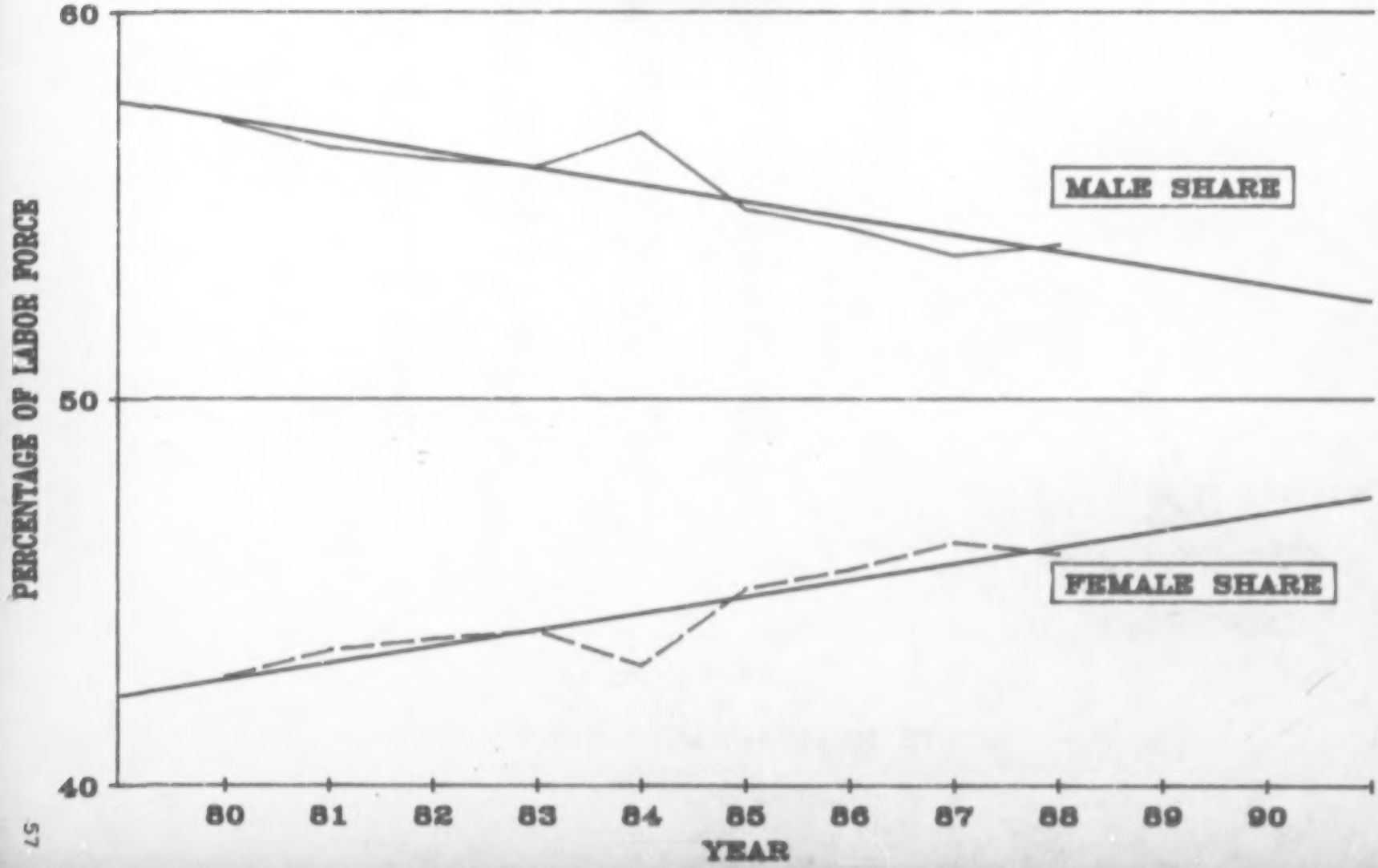
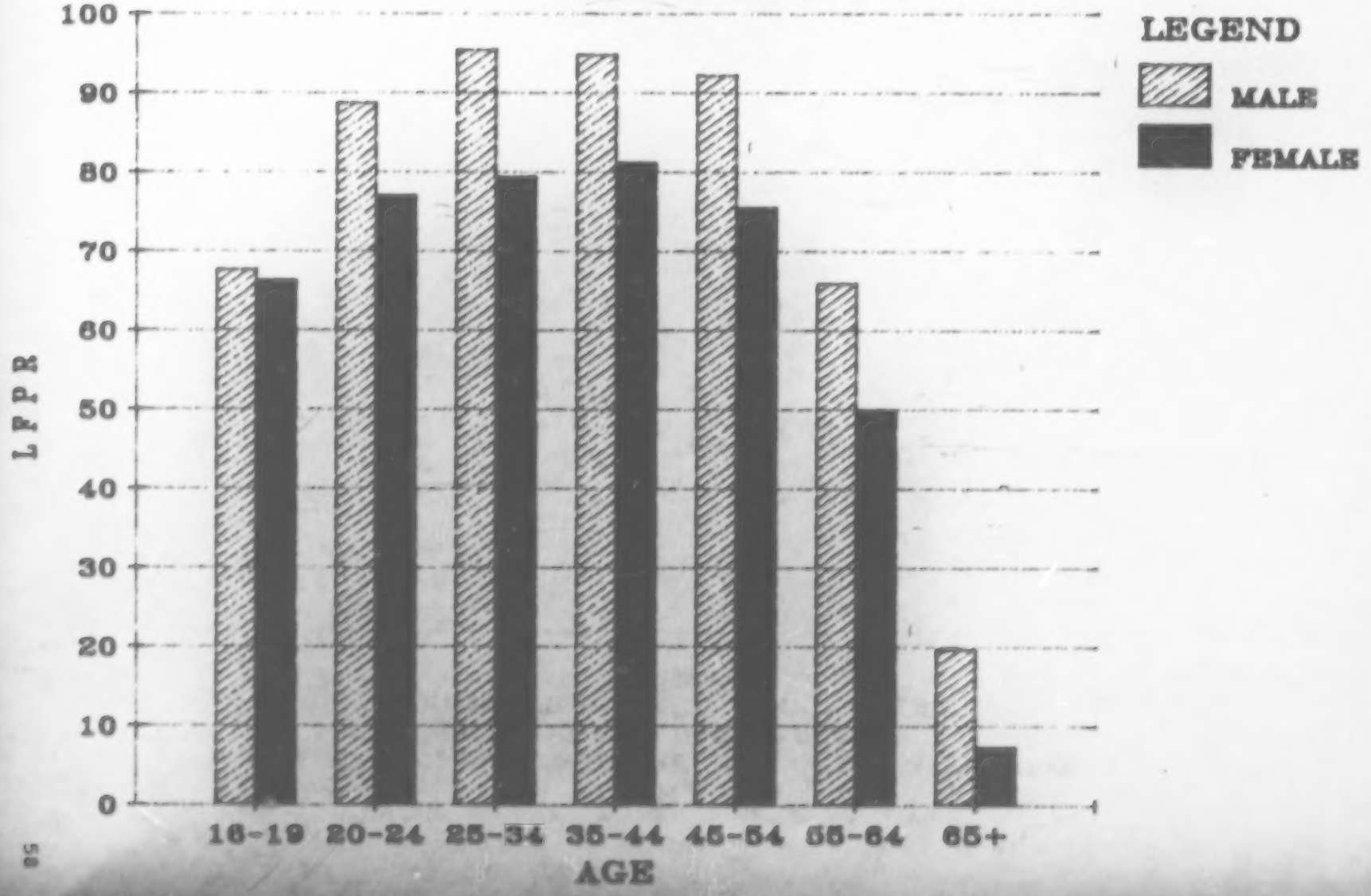


CHART 23

LABOR FORCE PARTICIPATION RATES BY AGE & SEX VERMONT 1988



Characteristics of Active Applicants

During FY89 there were 56,438 active applicants registered in the Department of Employment and Training local offices. This was 251 more than in FY88 and represented a 0.4% increase. The number of male applicants increased by 0.9% and the number of female applicants declined by only 8 individuals, showing almost no change from the previous year.

Percentage distribution of applications by occupation in FY89 remained fairly close to FY88 levels. Professional, Structural Work, and Miscellaneous occupations showed noticeable improvements in applicant numbers.

In looking at distribution of applicants by age, the number of those 16-19 declined, reflecting the tight labor market for entry level employees.

Almost three-quarters of the job-seekers were high school graduates and over one-fourth of these had some additional schooling. The educational level of applicants tended to be slightly higher this year.

The number of veteran and handicapped applicants dropped by 6.6% and 4.4% respectively.

TABLE 25
CHARACTERISTICS OF FULLY REGISTERED ACTIVE APPLICANTS
VERMONT DEPARTMENT OF EMPLOYMENT AND TRAINING
FY 1988 AND FY 1989

CHARACTERISTICS	FY 1988 NUMBER	%	FY 1989 NUMBER	%	% CHANGE FY1988-FY1989
TOTAL 1/	56,187	100.0	56,438	100.0	0.4
SEX					
Male	29,265	52.1	29,524	52.3	0.9
Female	26,922	47.9	26,914	47.7	.0
OCCUPATION					
Professional 2/	6,953	12.4	7,351	13.0	5.7
Clerical & Sales	12,492	22.2	12,019	21.3	-3.8
Service	10,684	19.0	9,953	17.6	-6.8
Farming 3/	1,895	3.4	1,902	3.4	0.4
Processing	640	1.1	582	1.0	-9.1
Machine Trades	3,976	7.1	4,038	7.2	1.6
Bench Work	2,691	4.8	2,581	4.6	-4.1
Structural Work	9,032	16.1	9,400	16.7	4.1
Miscellaneous 4/	7,824	13.9	8,612	15.3	10.1
AGES 5/					
15 and under	501	0.9	494	0.9	-1.4
16 - 19	7,036	12.5	6,231	11.0	-11.4
20 - 21	4,864	8.7	4,787	8.5	-1.6
22 - 39	31,650	56.3	32,144	57.0	1.6
40 - 54	9,265	16.5	9,738	17.3	5.1
55 and over	2,824	5.0	2,985	5.3	5.7
EDUCATION					
0 - 7	1,051	1.9	1,030	1.8	-2.0
8 - 11	14,117	25.1	13,299	23.6	-5.8
12	26,762	47.6	27,077	48.0	1.2
12+	14,257	25.4	15,032	26.6	5.4
VETERAN	6,018	10.7	5,619	10.0	-6.6
Vietnam Era	2,486	4.4	2,326	4.1	-6.4
HANDICAPPED	2,213	3.9	2,115	3.7	-4.4

1/ Total includes applicant with invalid occupational codes.
2/ Also includes Technical and Managerial occupations.
3/ Also includes Fishery and Forestry occupations.
4/ Motor Freight, Transportation, Packaging & Materials Handling and Other occupations.
5/ Age breakout may not equal total applicants due to reporting procedures.

Source: Vermont Department of Employment and Training.

JOB OPENINGS RECEIVED

The number of job openings received by the Department of Employment and Training (DET) decreased from 26,585 in FY88 to 22,000 in FY89. This was a drop of 16.4%. The decline was caused largely by a mismatch of employer needs and applicant skills characteristic of a very tight labor market supply.
Only Professional and Farming occupations showed ant increases in job openings received this past year. Professional, Clerical, Service, and Farming job opening became relatively more common this year than last. Construction openings showed the most significant job order loss, 44.1% of the entire decline. Openings received for jobs expected to last a very short duration decreased from 8.7% to 3.6% of total job openings received. Longer term jobs conversely gained in prominence.
The number of applicants per job openings received rose from 2.1 in FY88 to 2.5 in FY89. In FY89, Farming had the fewest applicants per job order, while Professional positions had the most applicants per job order.

TABLE 26
JOB OPENINGS RECEIVED
VERMONT DEPARTMENT OF EMPLOYMENT AND TRAINING
FY 1988 and FY 1989

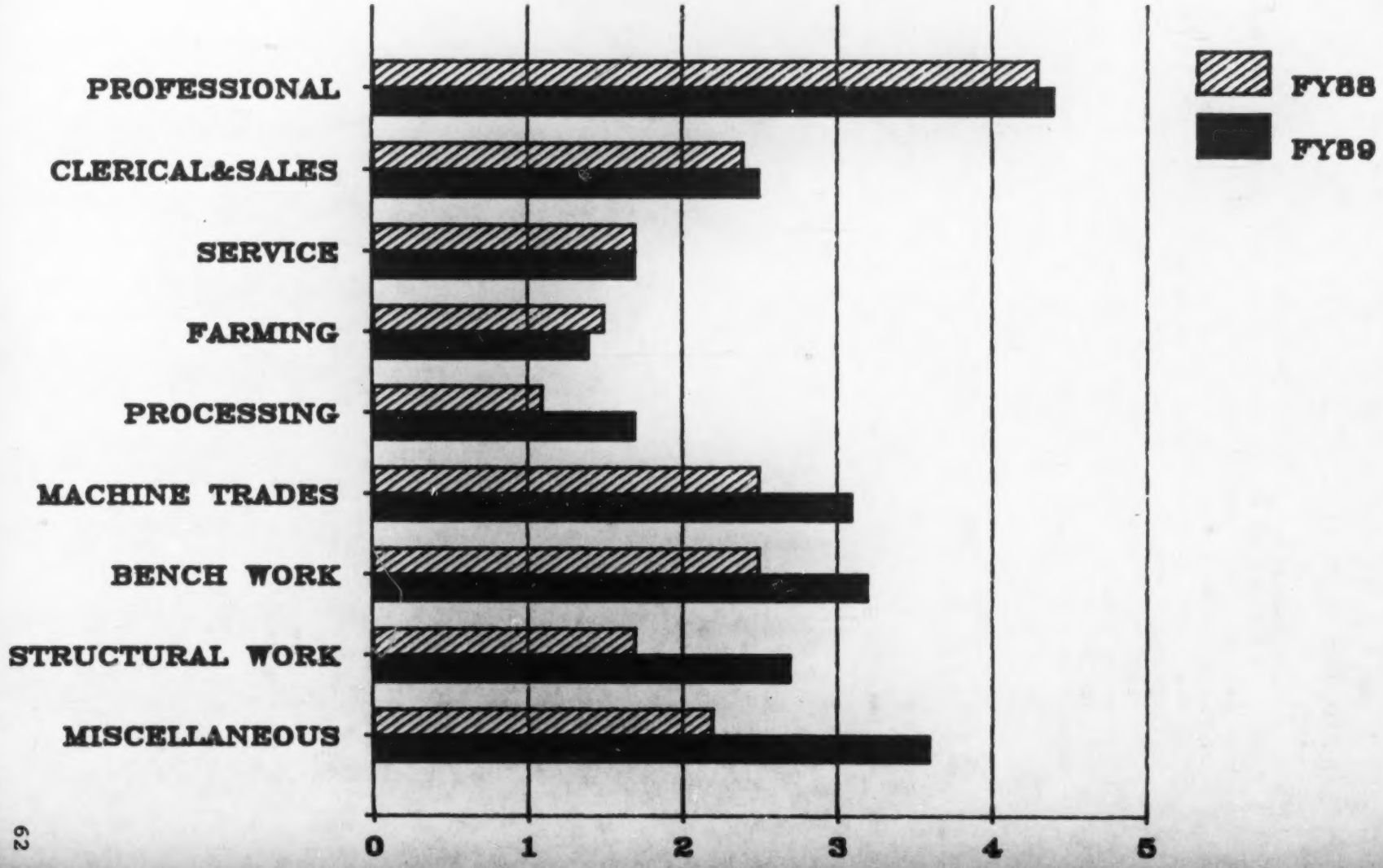
OCCUPATIONAL CATEGORY AND DURATION OF JOB	FY 1988 NUMBER	FY 1988 %	FY 1989 NUMBER	FY 1989 %	% CHANGE FY1988-1989
TOTAL	26,585	100.0	22,220	100.0	-16.4
OCCUPATION					
Professional 1/	1,623	6.1	1,669	7.5	2.8
Clerical & Sales	5,155	19.4	4,736	21.3	-8.1
Service	6,374	24.0	6,027	27.1	-5.4
Farming 2/	1,234	4.6	1,393	6.3	12.9
Processing	582	2.2	336	1.5	-42.3
Machine Trades	1,592	6.0	1,314	5.9	-17.5
Benchwork	1,072	4.0	818	3.7	-23.7
Structural Work	5,445	20.5	3,522	15.9	-35.3
Miscellaneous 3/	3,508	13.2	2,405	10.8	-31.4
DURATION					
Over 150 days	19,071	71.7	16,632	74.9	-12.8
4 to 150 days	5,213	19.6	4,782	21.5	-8.3
3 days or less	2,301	8.7	806	3.6	-65.0

1/ Also includes Technical and Managerial occupations.
2/ Also includes Fishery and Forestry occupations.
3/ Motor Freight, Transporation, Packaging & Materials Handling and Other occupations.

Source: Vermont Department of Employment and Training

CHART 24

RATIO OF APPLICANTS TO JOB OPENINGS
DEPARTMENT OF EMPLOYMENT & TRAINING LOCAL OFFICES
BY OCCUPATIONAL CATEGORIES
FY88 & FY89



ADDITIONAL SOURCES OF VERMONT LABOR MARKET INFORMATION

The following are publications available from this office which deal with various aspects of the Vermont labor market:

LABOR MARKET AREA BULLETINS-Quarterly bulletins for each of the state's 12 labor market areas that include tables and graphs depicting population, significant industries, and employment.

OCCUPATIONAL STAFFING PATTERNS-A series of reports, produced on a 3 year cycle, which are concerned with describing and enumerating the most common occupations in the industry. The reports are produced in the following categories:

A Manufacturing and Hospitals
B Mining and Quarrying, Construction, Finance,Insurance and Real Estate, Services
C Transportation and Public Utilities,Wholesale and Retail Trade
D Government and Educational Services

AFFIRMATIVE ACTION PLANNING DATA-Population and labor force data for the state, Burlington MSA, and all counties designed to provide information to employers seeking to conform to federally mandated personnel policies.

EMPLOYMENT AND EARNINGS-Estimates, from a monthly establishment survey of nonagricultural industries, of all employees, hours and earnings of manufacturing production workers for Vermont, Burlington, and Barre. The data is produced monthly and is assembled for 1969-79, 80-85, and annually between compilations.

EMPLOYMENT AND WAGES COVERED BY UNEMPLOYMENT INSURANCE-Annual data produced from employers' contribution reports showing annual average employment and earnings for the state and each county. Data is arrayed between private and government and also by major industry.

EMPLOYMENT PROJECTIONS TO 1995-These projections are produced every three years and yield occupational demand estimates for the state. The complexity of economic phenomenon are such that the data should be interpreted as reliable indicators of direction and magnitude rather than measures of absolute demand.

WAGE AND FRINGE BENEFIT SURVEY REPORT-Compiled every two years to meet the increasing demand for current wage and fringe benefit information, the report provides data for around 100 occupations for the state and some labor market areas.

UNEMPLOYMENT COMPENSATION STATISTICAL TABLES-Tabular data issued annually which provide extensive information on Unemployment Compensation claims for the calendar year.

VERMONT COUNTY PROFILE SERIES-These reports, prepared in conjunction with the Office of Policy Research and Coordination, are designed to provide an extensive economic and demographic picture of each Vermont county. They are a synthesis of current data from many sources. Unlike other reports listed here the County Profiles, because of the extensive resources necessary for their production, are available for a cost of $3 for each county or $25 for the entire set.

Civilian Labor Force-an estimate of all people over 16 years of age who are either employed or unemployed.

Total Employment-an estimate of residents who earned wages during the week including the 12th of the month. This estimate includes residents employed in wage and salary jobs as well as agricultural workers, domestics, self-employed and unpaid family workers and workers on strike.

Total Unemployment-is an estimate of the number of residents who were not working during the survey week, but were able and available for work.

Labor Force Participation Rate-the proportion of the population over 16 years of age which is in the labor force.

Insured Unemployment-the number of people receiving unemployment insurance benefits.

Labor Force Methodology-VCM(Variable Coefficient Model) estimates are based on regression analysis. The VCM methodology is the basis of the official estimates from 1978 to the present.

Current Population Survey-is a monthly survey of households conducted by the Bureau of the Census resulting in estimates of employed and unemployed nationwide and for selected states and areas.

Wage and Salary Employment-an estimate of the number of individual jobs by place of work during the week including the 12th of the month.

Consumer Price Index (CPI)-a measure of the average change in prices over time in a fixed market basket of goods and services.

Per Capita Personal Income-a measure of the total personal income of the residents of a given area divided by the resident population of the area.

Transfer Payments-Income payments to persons for which they do not render current services(retirement, disability, welfare, unemployment,....)

Trend Line-regression curve that gives historical and anticipated movement in a data series

Compound Annual Growth Rate-the constant percentage growth that would occur each year over the time span specified.

JTPA ELIGIBILITY GUIDELINES

The Job Training Partnership Act provides for the use of either the 'Poverty Guideline' or the 'Lower Living Standard Income Level', whichever is higher, in determining program eligibility. The 'Poverty Guideline' is higher than LLSIL only for the family size of one.

FAMILY SIZE	MAX. INCOME
1	$5980
2	$8450
3	$11610
4	$14330
5	$16910
6	$19780

For families larger than six persons, add $2870 for each additional person in the family.